

Author Index

Volume 83 (January–June 2007)

KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article
AB = Abstract
AN = Announcement
CP = Correspondence
CR = Case Report
CV = Current Review
DI = Discussion
ED = Editorial
ER = Erratum

ET = Ethics in
Cardiothoracic Surgery
HW = How to Do It
IC = Invited Commentary
IM = Images in
Cardiothoracic Surgery
KR = Key References
NT = New Technology

PA = Presidential Address
PP = President's Page
RE = Report
RV = Review of Recent
Books
SH = Our Surgical Heritage
SP = Statistician's Page
TR = Tribute
UP = Update

Abbas G. *see* Pennathur, Luketich, & others. 2007;83:1820–5*
Abdel Hadi M. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:
549–57*
Abdul-Khalil H. *see* Delmo-Walter, Alexi-Meskishvili, & others.
2007;83:682–4,CR
Abel JG. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57*
Abraham S. *see* Agarwal, Krishnan, & others. 2007;83:1549–52,CR
Abrishamchian AR. *see* Gammie, Abrishamchian, & Griffith.
2007;83:1545–7,CR
Abrol S. *see* Yopp, Eckstein, & others. 2007;83:1897–9,CR
Absil B. *see* Chiappini, Absil, & others. 2007;83:1285–9*
Abu Romeh IS, Chhatriwalla AK, Atik FA, Bhatt DL, Navia JL.
Myocardial infarction secondary to a coronary ostial
thrombus in antiphospholipid syndrome. 2007;83:1170–
1,CR
Acar C. *see* Aubert, Flecher, & others. 2007;83:1560–1,HW
Accola K. Is early too early? effect of shorter stays after bypass
surgery. 2007;83:107,IC
Accola KD. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65,DI
Achouh PE. *see* Estrera, Miller, & others. 2007;83:S842–845*
Adabag AS, Rector T, Mithani S, Harmala J, Ward HB, Kelly RF,
Nguyen JT, McFalls EO, Bloomfield HE. Prognostic sig-
nificance of elevated cardiac troponin i after heart sur-
gery. 2007;83:1744–50*
Adair SM. *see* Kincaid, Cordell, & others. 2007;83:964–8*
Adams R. *see* El-Ansary, Waddington, & Adams. 2007;83:1513–
7,NT
Aellig NC, Balmer C, Dodge-Khatami A, Rahn M, Prêtre R,
Bauersfeld U. Long-term follow-up after pacemaker im-
plantation in neonates and infants. 2007;83:1420–4*
Agarwal R, Krishnan GS, Abraham S, Bhatt K, Sekar P, Kulkarni
S, Cherian KM. Extrapleural intrathoracic implantation of
permanent pacemaker in the pediatric age group. 2007;83:
1549–52,CR
Aggoun Y. *see* Tissot, Aggoun, & others. 2007;83:727,CP
Ahlsson AJ, Bodin L, Lundblad OH, Englund AG. Postoperative
atrial fibrillation is not correlated to c-reactive protein.
2007;83:1332–7*
Ahmad NN. *see* Kreider, Hansen-Flaschen, & others. 2007;83:
1140–5*
Ahmed M. *see* Husain, Finch, & others. 2007;83:1251–6*

January issue, pp 1–360; February issue, pp 361–728; February suppl, pp
S729–S892; March issue, pp 893–1236; April issue, pp 1237–1584; April
suppl, pp S1–S26; May issue, pp 1585–1926; May suppl, pp S27–S86; June
issue, pp 1927–2351.

Aicher D, Urbich C, Zeiher A, Dimmeler S, Schäfers H-J.
Endothelial nitric oxide synthase in bicuspid aortic valve
disease. 2007;83:1290–4*
Aicher D. *see* Schäfers & Aicher. 2007;83:S740–745*
Aitchison D. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*
Aitini E. *see* Droghetti, Schiavini, & others. 2007;83:697,IM
Ak İ. *see* Sivrikoz, Kaya, & others. 2007;83:2199–201,CR
Akasaka N. *see* Kiokawa, Goh, & others. 2007;83:e3–5,HW
Akashi O. *see* Nakajima, Tsuchiya, & others. 2007;83:2216–9,CR
Aklog L, deGuzman BJ. Edge-to-edge mitral valve repair: a “safe
and useful” technique? 2007;83:2261–2,CP
Akpinar B. *see* Sagbas, Akpinar, & others. 2007;83:1724–30*
Al Habib HF. *see* El Oakley & Al Habib. 2007;83:1911–2,HW
Alados P. *see* Sanchez, Alados, & others. 2007;83:693–5,CR
Alaeddini F. *see* Yousefnia, Mandegar, & others. 2007;83:958–63*
Alamanni F. *see* Parolari, Naliato, & others. 2007;83:2009–16*
Alameddine AK. *see* Rousou, Alameddine, & Yang. 2007;83:
1906–7,HW
Al-Attar N. *see* Azmoun, Ramadan, & others. 2007;83:2098–102*
Albåge A. *see* Sartipy, Albåge, & others. 2007;83:1303–9*
Albåge A. *see* Sartipy, Albåge, & Lindblom. 2007;83:1381–8*
Al-Dadah AS. *see* Zierer, Melby, & others. 2007;83:1684–90*
Aldea G. *see* Koster, Dyke, & others. 2007;83:572–7*
Alelian BG. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*
Alexander JH. *see* Goyal, Alexander, & others. 2007;83:993–1001*
Alexi-Meskishvili V. *see* Delmo-Walter, Alexi-Meskishvili, &
others. 2007;83:682–4,CR
Alexiou C, Sosnowski AW. Tube-graft inversion for the con-
struction of an “open” distal anastomosis during ascend-
ing aortic replacement: a new technique. 2007;83:326–
8,HW
Algotsso L. *see* Steen, Ingemannsson, & others. 2007;83:2191–
5,NT
Ali A, Halstead JC, Cafferty F, Sharples L, Rose F, Lee E, Rusk R,
Dunning J, Argano V, Tsui S. Early clinical and hemody-
namic outcomes after stented and stentless aortic valve
replacement: results from a randomized controlled trial.
2007;83:2162–8*
Ali A. *see* Savage, Grab, & others. 2007;83:1002–7*
Ali AM, Devbhandari M, Sastry A, Ashleigh RJ, Jones MT.
Preoperative embolization followed by surgical excision
of an intrapericardial pheochromocytoma. 2007;83:302–
4,CR
Ali M. *see* Hamdulay, Kumar, & others. 2007;83:2222–4,CR
Ali ZA. *see* Lim, Carballo, & others. 2007;83:134–9*

Aliyary S, Mariani MA, Verhorst PMJ, Hartmann M, Stoel MG, von Birgelen C. Staged therapeutic approach in spontaneous coronary dissection. 2007;83:1879–81,CR

Allan CK. *see* Ma, Gauvreau, & others. 2007;83:1438–45*

Allan JS. First human transplantation of a nonacceptable donor lung after reconditioning ex vivo. 2007;83:2194–5,IC

Allen M. Routine evaluation for aspiration after thoracotomy for pulmonary resection. 2007;83:196,IC

Allen MS. *see* Sugimura, Nichols, & others. 2007;83:409–18*

Allen SJ, McBride WT, McMurray TJ, Phillips AS, Penugonda SP, Campalani G, Young IS. Cell salvage alters the systemic inflammatory response after off-pump coronary artery bypass grafting surgery. 2007;83:578–85*

Alloni A. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Almassi GH. Prevention of atrial flutter with cryoablation may be proarrhythmogenic. 2007;83:1723,IC

Alphonso N, Anagnostopoulos PV, Nölke L, Moon-Grady A, Azakie A, Raff GW, Karl TR. Anomalous coronary artery from the wrong sinus of valsalva: a physiologic repair strategy. 2007;83:1472–6*

Alphonso N. *see* Anagnostopoulos, Alphonso, & others. 2007;83: 1458–62*

Al-Ruzzeh S, Mahmoud A, Shah S, O'Regan D. Caution with the use of recombinant activated factor vii in treating postoperative hemorrhage in cardiac surgery. 2007;83:355,CP

Alster JM. *see* Atik, Navia, & others. 2007;83:526–31*

Altamura L. *see* Pragliola, Altamura, & others. 2007;83:670–2,CR

Altaye M. *see* Eghtesady, Michelfelder, & others. 2007;83:631–9*

Alvelo-Rivera M. *see* Ashrafi, Awais, & Alvelo-Rivera. 2007;83: 317–9,CR

Alves L Jr. *see* Rodrigues, Évora, & others. 2007;83:2060–5*

Amantea B. *see* Onorati, Cristodoro, & others. 2007;83:1016–23*

Ambrogi V. *see* Mineo, Ambrogi, & others. 2007;83:1978–85*

Amerman K. *see* Wong, Coselli, & others. 2007;83:1345–55*

Amodeo A. *see* Brancaccio, Amodeo, & others. 2007;83:619–21*

Amouzadeh F. *see* Yousefnia, Mandegar, & others. 2007;83:958– 63*

Ampollini L. *see* Bobbio, Vescovi, & others. 2007;83:1197–9,CR

Anagnostopoulos PV, Alphonso N, Nölke L, Hornberger LK, Raff GW, Azakie A, Karl TR. Neonatal mitral and tricuspid valve repair for in utero papillary muscle rupture. 2007;83:1458–62*

Anagnostopoulos PV. *see* Alphonso, Anagnostopoulos, & others. 2007;83:1472–6*

Anderson AJ. *see* Kress, Aronson, & others. 2007;83:1737–43*

Anderson PAW. *see* Baig, Nassar, & others. 2007;83:1477–83*

Anderson RP. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Anderson RP. *see* Shahian, Grover, & others. 2007;83:S1–2*

Anderson S. Sodium hydrogen exchange inhibition and β-blockade additively decrease infarct size. 2007;83: 1128,IC

Anderson TM. *see* Sugimura, Nichols, & others. 2007;83:409– 18,DI

Anderson W. Surgery of left ventricular aneurysm: a meta-analysis of early outcomes following different reconstruction techniques. 2007;83:2016,IC

Andrade Neto JD, Terra RM, Fernandez A, Rawet V, Jatene FB. Full-thickness chest wall resection for recurrent breast phyllodes tumor. 2007;83:2196–7,CR

Andrade RS. *see* Whitson, Andrade, & others. 2007;83:1965–70*

Andreini D, Pontone G, Ballerini G, Bertella E, Nobili E, Parolari A, Pepi M. Bypass graft and native postanastomotic coronary artery patency: assessment with computed tomography. 2007;83:1672–8*

Anselmi A. *see* Chello, Anselmi, & others. 2007;83:1374–80*

Antona C, Vanelli P, Petullà M, Gelpi G, Danna P, Lemma M, Inglese L. Hybrid technique for total arch repair: aortic neck reshaping for endovascular-graft fixation. 2007;83: 1158–61,NT

Antun A. *see* Ramnath, Demmy, & others. 2007;83:1831–6*

Aoyagi S, Okazaki T, Fukunaga S, Ueda T. Concomitant traumatic aortic valve and coronary artery injury. 2007;83:289– 91,CR

Aparicio RP. *see* Clavero, Cheyre, & others. 2007;83:1216–8,HW

Aranda JM Jr. *see* Klodell, Morey, & others. 2007;83:68–71*

Aranki SF. *see* Paul, Jain, & others. 2007;83:e14–5,RV

Argano V. *see* Ali, Halstead, & others. 2007;83:2162–8*

Armarego S. *see* Matsushita, Huynh, & others. 2007;83:2220–2,CR

Aronson S. *see* Koster, Dyke, & others. 2007;83:572–7*

Aronson S. *see* Kress, Aronson, & others. 2007;83:1737–43*

Arrigoni G. *see* Melloni, Cremona, & others. 2007;83:1946–51*

Arslan AH. *see* Gurbuz, Hecht, & Arslan. 2007;83:1035–40*

Arslan Y. *see* Tarhan, Kehlibar, & others. 2007;83:1867–9,CR

Asakura T. *see* Gojo, Kyo, & others. 2007;83:661–2,CR

Asano H. *see* Masuoka, Katogi, & others. 2007;83:1181–3,CR

Asano M, Razzouk AJ, Chinnock RE, Bailey LL. Geometric disproportion of cardiac structure and graft ischemia affect tricuspid valve regurgitation early after neonatal heart transplantation. 2007;83:1774–80*

Ascioti AJ. *see* Freeman, Van Woerkom, & Ascioti. 2007;83: 2003–8*

Ashleigh RJ. *see* Ali, Devbhandari, & others. 2007;83:302–4,CR

Ashrafi AS, Awais O, Alvelo-Rivera M. Minimally invasive management of boerhaave's syndrome. 2007;83:317–9,CR

Ashrafian H, Tsang V, Kostolny M. Rare presentation of subclavian artery isolation in a neonate with a family history of aortic arch anomalies. 2007;83:2226–8,CR

Athanasiou T. *see* Jones, Athanasiou, & others. 2007;83:341–8,CV

Atik FA, Navia JL, Vega PR, Gonzalez-Stawinski GV, Alster JM, Gillinov AM, Svensson LG, Pettersson BG, Lytle BW. Surgical treatment of postinfarction left ventricular pseudoaneurysm. 2007;83:526–31*

Atik FA. *see* Abu Romeh, Chhatriwala, & others. 2007;83:1170– 1,CR

Aubert S, Flecher E, Rubin S, Acar C, Gandjbakhch I. Anterior mitral leaflet augmentation with autologous pericardium. 2007;83:1560–1,HW

Aulagner G. *see* Greffe, Chalabreysse, & others. 2007;83:1541– 3,CR

Austin EH III. *see* Roussin, Belli, & others. 2007;83:173–8,DI

Avery E. *see* Koster, Dyke, & others. 2007;83:572–7*

Avery EG. *see* Everett, Yeh, & others. 2007;83:592–7*

Awais O. *see* Ashrafi, Awais, & Alvelo-Rivera. 2007;83:317–9,CR

Aysola AE. *see* Crow, Sullivan, & others. 2007;83:1547–9,CR

Azakie A. *see* Alphonso, Anagnostopoulos, & others. 2007;83: 1472–6*

Azakie A. *see* Anagnostopoulos, Alphonso, & others. 2007;83: 1458–62*

Azar H. *see* Melby, Zierer, & others. 2007;83:1651–7,DI

Aziz O. *see* Jones, Athanasiou, & others. 2007;83:341–8,CV

Azizzadeh A. *see* Estrera, Miller, & others. 2007;83:1603–9*

Azmoun A, Ramadan R, Al-Attar N, Kortas C, Ghostine S, Caussin C, Bourachot M-L, Lancelin B, Slama M, Nottin R. Exclusive internal thoracic artery grafting in triple-vessel disease patients: angiographic control. 2007;83: 2098–102*

Azuma N. *see* Kiokawa, Goh, & others. 2007;83:e3–5,HW

Bacha EA, Sawaqed R. Use of the aberrant right subclavian artery in complex aortic arch reconstruction. 2007;83:1566-8,HW

Bacha EA. *see* Larrazabal, del Nido, & others. 2007;83:179-84*

Bacha EM. *see* Roussin, Belli, & others. 2007;83:173-8,DI

Bachet J, Larrazet F, Goudot B, Dreyfus G, Folliguet T. When should the aortic arch be replaced in marfan patients? 2007;83:S774-779*

Bachet J, Pirotte M, Laborde F, Guilmet D. Reoperation for giant false aneurysm of the thoracic aorta: how to reenter the chest? 2007;83:1610-4*

Bachet JE. *see* Gripp, Haverich, & others. 2007;83:S824-831,DI

Bacievicz FA Jr. Alternative conservative therapy. 2007;83:1923,CP

Backer CL. *see* Dodge-Khatami, Backer, & others. 2007;83:2230-2,CR

Backes WH. *see* Schurink, Nijenhuis, & others. 2007;83:S877-881*

Backx A. *see* Truin, Backx, & others. 2007;83:1873-4,CR

Badak İ. *see* Şen, Dişçigil, & others. 2007;83:2203-5,CR

Bader R. *see* Riess, Bader, & others. 2007;83:1310-8*

Baig K, Nassar R, Craig DM, Quick G Jr, Jiang HX, Frank MM, Lodge AJ, Anderson PAW, Jaggers J. Complement factor 1 inhibitor improves cardiopulmonary function in neonatal cardiopulmonary bypass. 2007;83:1477-83*

Bail DHL. *see* Walker, Bail, & others. 2007;83:1047-54*

Bailey D. *see* Puskas, Lin, & others. 2007;83:1870-2,CR

Bailey LL. *see* Asano, Razzouk, & others. 2007;83:1774-80*

Bairaktaris A. *see* Reiss, Schuett, & others. 2007;83:2246-7,HW

Baird CW, Zurakowski D, Robinson B, Gandhi S, Burdis-Koch L, Tamblyn J, Munoz R, Fortich K, Pigula FA. Anticoagulation and pediatric extracorporeal membrane oxygenation: impact of activated clotting time and heparin dose on survival. 2007;83:912-20*

Baisden CE. *see* Zierer, Moon, & others. 2007;83:2122-9,DI

Bajona P. *see* Maselli, Guaracino, & Bajona. 2007;83:700-2,HW

Bakhos M. *see* Shuhaiber, Kim, & others. 2007;83:2135-41*

Bakir I, Casselman FP, Brugada P, Geelen P, Wellens F, Degrieck I, Van Praet F, Vermeulen Y, De Geest R, Vanermen H. Current strategies in the surgical treatment of atrial fibrillation: review of the literature and onze lieve vrouw clinic's strategy. 2007;83:331-40,CV

Bakir I. *see* Deshpande, Casselman, & others. 2007;83:2142-6*

Balacumaraswami L, Taggart DP. Intraoperative imaging techniques to assess coronary artery bypass graft patency. 2007;83:2251-7,CV

Ballard E. *see* Eghtesady, Michelfelder, & others. 2007;83:631-9*

Ballerini G. *see* Andreini, Pontone, & others. 2007;83:1672-8*

Balmer C. *see* Aellig, Balmer, & others. 2007;83:1420-4*

Bandiera A. *see* Melloni, Cremona, & others. 2007;83:1946-51*

Bando K. *see* Saito, Nakatani, & others. 2007;83:140-5*

Baraki H, Hagl C, Khaladj N, Kallenbach K, Weidemann J. The frozen elephant trunk technique for treatment of thoracic aortic aneurysms. 2007;83:S819-823*

Baraki H. *see* Kallenbach, Baraki, & others. 2007;83:S764-768*

Bardakci H, Cheema FH, Topkara VK, Dang NC, Martens TP, Mercando ML, Forster CS, Benson AA, George I, Russo MJ. Discharge to home rates are significantly lower for octogenarians undergoing coronary artery bypass graft surgery. 2007;83:483-9*

Bardales R. *see* Whitson, Andrade, & others. 2007;83:1965-70*

Barrea C. *see* Chiappini, Barrea, & Rubay. 2007;83:185-7*

Bartelds B. *see* Roofthooft, Bergman, & others. 2007;83:1446-50*

Basaran M. *see* Ogus, Basaran, & others. 2007;83:496-501*

Bashar AHM. *see* Kazui, Yamashita, & others. 2007;83:S796-798*

Bashar AHM. *see* Shi, Kazui, & others. 2007;83:1484-90*

Basmadjian A. *see* Lamarche, Cartier, & others. 2007;83:284-7,CR

Basoglu A, Celik B, Yetim TD. Massive spontaneous hemopneumothorax complicating rheumatoid lung disease. 2007;83:1521-3,CR

Bassetto S. *see* Rodrigues, Évora, & others. 2007;83:2060-5*

Battellini R, Rastan AJ, Fabricius A, Moscoso-Luduena M, Lachmann N, Mohr FW. Beating heart aortic valve replacement after previous coronary artery bypass surgery with a patent internal mammary artery graft. 2007;83:1206-9,HW

Bauersfeld U. *see* Aellig, Balmer, & others. 2007;83:1420-4*

Bauersfeld U. *see* Dodge-Khatami, Knirsch, & others. 2007;83:902-6*

Baumgartner WA. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549-57,DI

Baumgartner WA. *see* Kobayashi, Williams, & others. 2007;83:969-78*

Baumgartner WA. *see* Magee, Herbert, & others. 2007;83:1707-12,DI

Bavaria JE. *see* Miller, Cameron, & others. 2007;83:S785-790,DI

Bavaria JE. *see* Zipfel, Hammerschmidt, & others. 2007;83:441-9,DI

Beaver TM. *see* Klodell, Morey, & others. 2007;83:68-71*

Bechtel JM. *see* Erasmi, Sievers, & others. 2007;83:S752-756*

Bédard ELR, Uy K, Keshavjee S. Postpneumonectomy syndrome: a spectrum of clinical presentations. 2007;83:1185-8,CR

Beghetti M. *see* Tissot, Aggoun, & others. 2007;83:727,CP

Bell M. *see* Price, Rubens, & Bell. 2007;83:1162-5,NT

Belli E. *see* Roussin, Belli, & others. 2007;83:173-8*

Bellm S. *see* Lim, Carballo, & others. 2007;83:134-9*

Bello R. *see* Etz, Di Luozzo, & others. 2007;83:S870-876*

Bellomo R. *see* Egi, Bellomo, & others. 2007;83:715-23,CV

Bellucci C. *see* Ranucci, Bellucci, & others. 2007;83:1089-95*

Benavidez OJ. *see* Larrazabal, del Nido, & others. 2007;83:179-84*

Benedetto U, Melina G, Roscitano A, Ciavarella GM, Tonelli E, Sinatra R. Clinical utility of tissue doppler imaging in prediction of atrial fibrillation after coronary artery bypass grafting. 2007;83:83-8*

Benedetto U. *see* Bianchini, Melina, & others. 2007;83:2213-4,CR

Benfield JR. *see* Grillo & Benfield. 2007;83:1916-7,SH

Bennett EV. *see* Hannan, Wu, & others. 2007;83:921-30*

Bennett-Guerrero E. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Ben-Nun A, Orlovsky M. Video-assisted thoracoscopic surgery in the treatment of chest trauma: long-term benefit. 2007;83:383-7*

Benson AA. *see* Bardakci, Cheema, & others. 2007;83:483-9*

Berger RMF. *see* Roofthooft, Bergman, & others. 2007;83:1446-50*

Berggren H. *see* Vida, Berggren, & others. 2007;83:161-8*

Berglin EW-O. *see* Wierup, Lidén, & others. 2007;83:1713-6*

Bergman KA. *see* Roofthooft, Bergman, & others. 2007;83:1446-50*

Bergman P. *see* van der Linden, Bergman, & Hadjinikolaou. 2007;83:2087-92*

Bergsland J, Kabil E, Mujanovic E, Terzic I, Røislien J, Svennevig JL. Training of cardiac surgeons for bosnia and herzegovina: outcomes in coronary bypass grafting surgery. 2007;83:462-7*

Berman M, Saute M, Porat E, Vaturi M, Paul-Kislin L, Vidne BA, Kogan A. Takotsubo cardiomyopathy: expanding the differential diagnosis in cardiothoracic surgery. 2007;83:295-8,CR

Bernabeu E, Josa M, Nomdedeu B, Ramírez J, García-Valentín A, Mestres CA, Mulet J. One-step surgical approach of a thoracic aortic aneurysm in wiskott-aldrich syndrome. 2007;83:1537-8,CR

Bernier P-L, Grenon M, Ergina P, Schricker T, Chaudhury P, Metrakos P, Lachapelle K. Combined simultaneous heart and liver transplantation with complete cardiopulmonary bypass support. 2007;83:1544-5,CR

Berry C. *see* Lamarche, Cartier, & others. 2007;83:284-7,CR

Bertella E. *see* Andreini, Pontone, & others. 2007;83:1672-8*

Bertoni GB. *see* Spielvogel, Coselli, & others. 2007;83:S890-892,DI

Bessho M. *see* Gojo, Kyo, & others. 2007;83:661-2,CR

Bethencourt DM. *see* Shandling, Rieders, & Bethencourt. 2007;83:300-2,CR

Bettex D. *see* Dodge-Khatami, Knirsch, & others. 2007;83:902-6*

Bhatt DL. *see* Abu Romeh, Chhatriwalla, & others. 2007;83:1170-1,CR

Bhatt K. *see* Agarwal, Krishnan, & others. 2007;83:1549-52,CR

Bhojraj SS. *see* Hamdulay, Kumar, & others. 2007;83:2222-4,CR

Bi S-H. *see* Jin, Zhou, & others. 2007;83:2066-73*

Bianchini R, Melina G, Benedetto U, Rossi M, Fiorani B, Iasenza-niro M, Sinatra R. Extracorporeal membrane oxygenation for swan-ganz induced intraoperative hemorrhage. 2007;83:2213-4,CR

Bianchini R. *see* Capuano, Bianchini, & others. 2007;83:2215-6,CR

Bianco G. *see* Fattouch, Bianco, & others. 2007;83:1902-3,HW

Bichell DPV, Mora BN, Mathewson JW, Kirkpatrick SK, Tyner JJ. Modified technique for the surgical treatment of severe tricuspid valve deformity in ebstein's anomaly. 2007;83:678-80,CR

Biebl MO, Fraedrich G, Larcher P, Biedermann H, Biebl W. Amelioration of specific phobias after thoracic sympathetic block in patients with localized hyperhidrosis. 2007;83:1578-9,CP

Biebl W. *see* Biebl, Fraedrich, & others. 2007;83:1578-9,CP

Biedermann H. *see* Biebl, Fraedrich, & others. 2007;83:1578-9,CP

Biglioli P. *see* Parolari, Naliato, & others. 2007;83:2009-16*

Bilfinger TV. The topography of aortic atherosclerosis enhances its precision as a predictor of stroke. 2007;83:2092,IC

Bilir A. *see* Sivrikoz, Kaya, & others. 2007;83:2199-201,CR

Birks EJ. *see* George, Birks, & others. 2007;83:306-8,CR

Birnbaum DE. *see* Palatianos, Laczkovics, & others. 2007;83:40-6*

Bisleri G, Bottio T, Muneretto C. Endoscopic radial artery harvesting with a novel vessel sealing system. 2007;83:1580-1,CP

Biswal S. *see* Rana, Swami, & others. 2007;83:1194-6,CR

Blackmon SH, Correa AM, Wynn B, Hofstetter WL, Martin LW, Mehran RJ, Rice DC, Swisher SG, Walsh GL, Roth JA, Vaporciyan AA. Propensity-matched analysis of three techniques for intrathoracic esophagogastric anastomosis. 2007;83:1805-13*

Blackmon SH. *see* DiMusto & Orringer. 2007;83:1993-9,DI

Blackstone EH. *see* Koch & Blackstone. 2007;83:2260-1,CP

Blackstone EH. *see* Shemin, Cox, & others. 2007;83:1225-30,RE

Blackstone EH. *see* Svensson, Blackstone, & others. 2007;83:1067-74*

Bland JM. *see* Motallebzadeh, Bland, & others. 2007;83:475-82*

Blazick E. *see* Keeling, Lewis, & others. 2007;83:193-6*

Bleese N. *see* Riess, Bader, & others. 2007;83:1310-8*

Block MI. *see* Linden, Yeap, & others. 2007;83:425-32,DI

Blommaert D. *see* La Meir, De Roy, & others. 2007;83:2244-5,HW

Bloomfield HE. *see* Adabag, Rector, & others. 2007;83:1744-50*

Bobbio A, Vescovi P, Ampollini L, Rusca M. Oral erosive lichen planus regression after thymoma resection. 2007;83:1197-9,CR

Bockeria LA, Podzolkov VP, Makhachev OA, Zelenikin MA, Alekian BG, Ilyin VN, Gadjev AA, Shatalov KV, Kakuchaya TT, Khiriev TK. Surgical correction of tetralogy of fallot with unilateral absence of pulmonary artery. 2007;83:613-8*

Bodian CA. *see* Etz, Di Luozzo, & others. 2007;83:S870-876*

Bodin L. *see* Ahlsson, Bodin, & others. 2007;83:1332-7*

Body S. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Boethig D. *see* Ono, Goerler, & others. 2007;83:2224-6,CR

Boettcher A. *see* Whitson, Andrade, & others. 2007;83:1965-70*

Bonan R. *see* Lamarche, Cartier, & others. 2007;83:284-7,CR

Bonaros N. *see* Oehlinger, Bonaros, & others. 2007;83:1030-4*

Bonaros N. *see* Schachner, Feuchtner, & others. 2007;83:1361-7*

Bonatti J. *see* Oehlinger, Bonaros, & others. 2007;83:1030-4*

Bonatti J. *see* Schachner, Feuchtner, & others. 2007;83:1361-7*

Bonde P, Gao D, Chen L, Miyashita T, Montgomery E, Harmon JW. Duodenal reflux leads to down regulation of dna mismatch repair pathway in an animal model of esophageal cancer. 2007;83:433-40*

Bonnet N. *see* Rama, Rubin, & others. 2007;83:1908-10,HW

Boodhwani M. *see* Rubens, Bourke, & others. 2007;83:1075-81*

Boova RS. *see* Samuels, Holmes, & others. 2007;83:1863-4,CR

Borger MA, David TE. The mechanisms of chronic ischemic mitral regurgitation. Reply. 2007;83:1920-1,CP

Borger MA, Nette AF, Maganti M, Feindel CM. Carpenter-edwards perimount magna valve versus medtronic hancock ii: a matched hemodynamic comparison. 2007;83:2054-9*

Borger MA. *see* Peterson, Borger, & others. 2007;83:2044-9*

Borger MA. *see* Tang, Maganti, & others. 2007;83:938-45*

Bose RK. *see* Griep, Haverich, & others. 2007;83:S824-831,DI

Bose RK. *see* Spielvogel, Coselli, & others. 2007;83:S890-892,DI

Bossert T. *see* Krieg, Lapp, & others. 2007;83:1539-41,CR

Bossone E. *see* Rampoldi, Trimarchi, & others. 2007;83:55-61*

Botman CJ, Post H, Penn O. Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty. 2007;83:490-5*

Botman CJ, Schonberger J, Koolen S, Penn O, Botman H, Dib N, Eekhout E, Pijls N. Does stenosis severity of native vessels influence bypass graft patency? a prospective fractional flow reserve guided study. 2007;83:2093-7*

Botman H. *see* Botman, Schonberger, & others. 2007;83:2093-7*

Botta DM. *see* Davies, Coe, & others. 2007;83:1593-602,AP

Botta DM Jr. *see* Davies, Kaple, & others. 2007;83:1338-44*

Böttcher W. *see* Koster, Weng, & others. 2007;83:1865-7,CR

Bottio T. *see* Bisleri, Bottio, & Muneretto. 2007;83:1580-1,CP

Bouchard D. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279-84*

Bourachot M-L. *see* Azmoun, Ramadan, & others. 2007;83:2098-102*

Bourke M. *see* Rubens, Bourke, & others. 2007;83:1075-81*

Bourke ME. *see* Kulik, Rubens, & others. 2007;83:502-9*

Bove EL. *see* Brown, Ruzmetov, & others. 2007;83:1781-9,DI

Boyce SW. *see* Zhang, Kapetanakis, & others. 2007;83:298-300,CR

Boyd AF. *see* Matsushita, Huynh, & others. 2007;83:2220-2,CR

Bozinovski J. *see* Wong, Coselli, & others. 2007;83:1345-55*

Brahim A. *see* Remadi, Habib, & others. 2007;83:1295-302*

Brambilla D. *see* De Pas, de Braud, & others. 2007;83:231-5*

Brancaccio G, Amodeo A, Rinelli G, Filippelli S, Sanders SP. Double-outlet right atrium: anatomic and clinical considerations. 2007;83:619-21*

Bratzler D. *see* Engelman, Shahian, & others. 2007;83:1569-76,RE

Brawn WJ. *see* Vida, Berggren, & others. 2007;83:161-8*

Brenneman F. *see* Chughtai, Sharkey, & others. 2007;83:1234-5,CP

Brett W. *see* Matt, Zerkowski, & others. 2007;83:320,IM

Breymann T. *see* Ono, Goerler, & others. 2007;83:2224-6,CR

Bridges C. *see* Engelman, Shahian, & others. 2007;83:1569-76,RE

Bridges CR. *see* Shemin, Cox, & others. 2007;83:1225-30,RE

Bridges CR. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Brinster DR. Edge-to-edge technique for residual mitral valve regurgitation. Reply. 2007;83:724-5,CP

Brockbank KGM. *see* Schenke-Layland, Xie, & others. 2007;83:1641-50*

Brodbeck RM. *see* Rinder, Smith, & others. 2007;83:146-52*

Brody D. *see* Kaushik, Khalid, & others. 2007;83:2000-2*

Brown JM. *see* Feller, Sorensen, & others. 2007;83:1082-8*

Brown JR. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Brown JW, Ruzmetov M, Rodefeld MD, Mahomed Y, Turrentine MW. Incidence of and risk factors for pulmonary autograft dilation after Ross aortic valve replacement. 2007;83:1781-9*

Brown JW. *see* Rodefeld, Ruzmetov, & others. 2007;83:1451-7*

Brown P. *see* Palmer, Herbert, & others. 2007;83:986-92*

Brown RD Jr. *see* Cook, Huston, & others. 2007;83:1389-95*

Brugada P. *see* Bakir, Casselman, & others. 2007;83:331-40,CV

Brunelli A, Refai M, Salati M, Xiumé F, Sabbatini A. Predicted versus observed fev_1 and DLCO after major lung resection: a prospective evaluation at different postoperative periods. 2007;83:1134-9*

Bruniaux J. *see* Roussin, Belli, & others. 2007;83:173-8*

Bruschi G, Tarelli G, Colombo P, Cavallazzi G, Cannata A, Garatti A, Vitali E. Effectiveness of hyperbaric oxygen therapy for hearing loss after cardiac surgery. 2007;83:e9-10,CR

Brusciano L. *see* del Genio, del Genio, & others. 2007;83:2235-8,HW

Bryant AS. *see* Cerfolio & Bryant. 2007;83:1826-30*

Bryant AS. *see* Cerfolio & Bryant. 2007;83:1971-7*

Buche M. *see* La Meir, De Roy, & others. 2007;83:2244-5,HW

Buckberg GD. Improved health-related quality of life and functional status after surgical ventricular restoration. 2007;83:1387-8,IC

Bueno R. *see* Linden, Bueno, & others. 2007;83:1129-33*

Bueno R. *see* Paul, Jain, & others. 2007;83:e14-5,RV

Bui H. *see* Khoynezhad, Donayre, & others. 2007;83:S882-889*

Bull DA. *see* Drakos, Kfoury, & others. 2007;83:62-7*

Burack JH, Kandil E, Sawas A, O'Neill PA, Sclafani SJA, Lowery RC. Triage and outcome of patients with mediastinal penetrating trauma. 2007;83:377-82*

Burdis-Koch L. *see* Baird, Zurakowski, & others. 2007;83:912-20*

Burfeind W Jr. Defining the optimal treatment of locally advanced esophageal cancer: a systematic review and decision analysis. 2007;83:1264,IC

Burfeind WR. *see* Petersen, Pham, & others. 2007;83:1245-50*

Burton S. *see* Pennathur, Luketich, & others. 2007;83:1820-5*

Butnaru A. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279-84*

Buz S. *see* Zipfel, Hammerschmidt, & others. 2007;83:441-9,MP

Byrne JG. *see* Leacche & Byrne. 2007;83:1232,CP

Cafferty F. *see* Ali, Halstead, & others. 2007;83:2162-8*

Calaritis C. *see* Chu, Sharma, & others. 2007;83:1179-81,CR

Caldarone CA. *see* Baig, Nassar, & others. 2007;83:1477-83,DI

Calhoon JH. *see* Gandhi, Canter, & others. 2007;83:169-72,DI

Calhoon JH. *see* Pennathur, Luketich, & others. 2007;83:1820-5,DI

Califf RM. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Califf RM. *see* Rankin, Tuttle, & others. 2007;83:1008-15*

Cameron DE. *see* Miller, Cameron, & others. 2007;83:S785-790*

Cammu G. *see* Deshpande, Casselman, & others. 2007;83:2142-6*

Campalani G. *see* Allen, McBride, & others. 2007;83:578-85*

Cane P. *see* Khan, Tambiah, & others. 2007;83:1893-4,CR

Canis M. *see* Sanchez, Alados, & others. 2007;83:693-5,CR

Cannata A. *see* Bruschi, Tarelli, & others. 2007;83:e9-10,CR

Canneto B. *see* Droghetti, Schiavini, & others. 2007;83:697,IM

Canneto B. *see* Melloni, Cremona, & others. 2007;83:1946-51*

Canter CE. *see* Gandhi, Canter, & others. 2007;83:169-72*

Capuano F, Bianchini R, Goracci M, Rosciano A, Luciani R, Simon C, Giusti L, Sinatra R. Intraoperative veno-arterial hemofiltration during miniaturized extracorporeal bypass. 2007;83:2215-6,CR

Carballo S. *see* Lim, Carballo, & others. 2007;83:134-9*

Carlini M. *see* Mercadante, Curatola, & Carlini. 2007;83:1924,CP

Carlini M. *see* Mercadante, Giovannini, & Carlini. 2007;83:1925,CP

Carlson RE. *see* Hannan, Wu, & others. 2007;83:921-30*

Caroleo S. *see* Onorati, Cristodoro, & others. 2007;83:1016-23*

Carotti A, Piacentini G, Marino B. Ductal origin of the distal pulmonary artery in truncus arteriosus. 2007;83:2262,CP

Carretta A. *see* Melloni, Cremona, & others. 2007;83:1946-51*

Carrick MM, Pham HQ, Scott BG, Wall MJ Jr. Traumatic rupture of the pericardium. 2007;83:1554,IM

Carrier M. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279-84*

Carter SA. *see* Wong, Coselli, & others. 2007;83:1345-55*

Cartier R. *see* Lamarche, Cartier, & others. 2007;83:284-7,CR

Carty M. *see* Paul, Talbot, & others. 2007;83:1519-21,CR

Casalta JP. *see* Remadi, Habib, & others. 2007;83:1295-302*

Casares J. *see* Sanchez, Alados, & others. 2007;83:693-5,CR

Casselman F. *see* Deshpande, Casselman, & others. 2007;83:2142-6*

Casselman F. *see* Lev-Ran, Casselman, & others. 2007;83:2205-7,CR

Casselman FP. *see* Bakir, Casselman, & others. 2007;83:331-40,CV

Cassivi SD. *see* Sugimura, Nichols, & others. 2007;83:409-18*

Castiglioni A, Verzini A, Pappalardo F, Colangelo N, Torracca L. Minimally invasive closed circuit versus standard extracorporeal circulation for aortic valve replacement. 2007;83:586-91*

Castro RA. *see* Odegard, Zurakowski, & others. 2007;83:1797-804*

Catalano G. *see* De Pas, de Braud, & others. 2007;83:231-5*

Caus T. *see* Miller, Cameron, & others. 2007;83:S785-790,DI

Caussin C. *see* Azmoun, Ramadan, & others. 2007;83:2098-102*

Cava JR. *see* Sachdeva, Fiser, & others. 2007;83:680-2,CR

Cavallazzi G. *see* Bruschi, Tarelli, & others. 2007;83:e9-10,CR

Caynak B. *see* Sagbas, Akpinar, & others. 2007;83:1724-30*

Cazzaniga A. *see* Ranucci, Bellucci, & others. 2007;83:1089-95*

Cecere R. *see* Chu, Sharma, & others. 2007;83:1179-81,CR

Cejna M. *see* Schoder, Czerny, & others. 2007;83:1059-66*

Celik B. *see* Basoglu, Celik, & Yetim. 2007;83:1521-3,CR

Cerfolio R. 2006 meeting southern thoracic surgical association. 2007;83:1577,RE

Cerfolio RJ, Bryant AS. Ratio of the maximum standardized uptake value on fdg-pet of the mediastinal (n2) lymph nodes to the primary tumor may be a universal predictor of nodal malignancy in patients with nonsmall-cell lung cancer. 2007;83:1826-30*

Cerfolio RJ, Bryant AS. Surgical techniques and results for partial or circumferential sleeve resection of the pulmonary artery for patients with non-small cell lung cancer. 2007;83:1971-7*

Cerfolio RJ. *see* Holman, Diethelm, & others. 2007;83:2201-3,CR

Cerfolio RJ. *see* Miller & Force. 2007;83:1850-3,DI

Chalabreysse L. *see* Greffe, Chalabreysse, & others. 2007;83:1541-3,CR

Chambers DJ. Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide. 2007;83:1109,IC

Chanda B, Millner RWJ. Surgical resection of melorheostosis in the ribs. 2007;83:1518-9,CR

Chang AC. *see* Bonde, Gao, & others. 2007;83:433-40,DI

Chang AC. *see* Rossano, Smith, & others. 2007;83:606-12*

Chang MY. *see* Linden, Yeap, & others. 2007;83:425-32*

Chang W. *see* Goland, Czer, & others. 2007;83:931-7*

Chao T-Y, Lin A-S, Lie C-H, Chung Y-H. Bronchial epithelial-myoepithelial carcinoma. 2007;83:689-91,CR

Chappell VL. Repair of large, iatrogenic, tracheo-esophageal fistulae. 2007;83:705-6,HW

Chattar-Cora D. Forearm muscle necrosis after radial artery harvesting for coronary artery bypass surgery. 2007;83:1869-70,CR

Chaudhury P. *see* Bernier, Grenon, & others. 2007;83:1544-5,CR

Chaudry ZR. *see* Townshend, Lakshminarayanan, & others. 2007;83:1523-4,CR

Cheema FH. *see* Bardakci, Cheema, & others. 2007;83:483-9*

Chello M, Anselmi A, Spadaccio C, Patti G, Goffredo C, Di Sciascio G, Covino E. Simvastatin increases neutrophil apoptosis and reduces inflammatory reaction after coronary surgery. 2007;83:1374-80*

Chen C-C, Hsieh S-R. Modified trifurcated graft in acute type a aortic dissection with the least brain ischemic time. 2007;83:66-8,HW

Chen L. *see* Bonde, Gao, & others. 2007;83:433-40*

Chen T. *see* Li, Omo, & others. 2007;83:321,IM

Chen Z. *see* Friscia, Zhu, & others. 2007;83:252-7*

Cheng A. *see* Nguyen, Cheng, & others. 2007;83:47-54*

Cherian KM. *see* Agarwal, Krishnan, & others. 2007;83:1549-52,CR

Cherian KM. *see* Nayar, Parmar, & others. 2007;83:1884-6,CR

Cherian KM. *see* Theodore, Vaidyanathan, & others. 2007;83:1876-8,CR

Cherian VK. *see* Kavunkal, Pandiyan, & others. 2007;83:310-2,CR

Chester MR. *see* Oo, Conant, & others. 2007;83:126-33*

Cheyre JE. *see* Clavero, Cheyre, & others. 2007;83:1216-8,HW

Chhatriwalla AK. *see* Abu Romeh, Chhatriwalla, & others. 2007;83:1170-1,CR

Chiappini B, Absil B, Rubay J, Noirhomme P, Funken J-C, Verhelst R, Poncelet A, El Khoury G. The ross procedure: clinical and echocardiographic follow-up in 219 consecutive patients. 2007;83:1285-9*

Chiappini B, Barrea C, Rubay J. Right ventricular outflow tract reconstruction with congra monocuspis transannular patch in tetralogy of fallot. 2007;83:185-7*

Chiariello L. *see* Settepani, Szeto, & others. 2007;83:S769-773*

Ching E. *see* Cingoz, Yanulis, & others. 2007;83:1858-62,NT

Chinnock RE. *see* Asano, Razzouk, & others. 2007;83:1774-80*

Chitwood WR Jr. *see* Gazoni, Fedoruk, & others. 2007;83:1658-65,DI

Cho W-C. *see* Yun, Cho, & others. 2007;83:1886-8,CR

Chong CF. *see* Sorokin, Chong, & others. 2007;83:666-8,CR

Chouliaras E. *see* Panos, Kalakonas, & others. 2007;83:1535-6,CR

Chowdhury UK, Mishra AK, Seth A, Dogra PN, Honnakere JHV, Subramaniam GK, Malhotra A, Malhotra P, Makija N, Venugopal P. Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus. 2007;83:1731-6*

Christensen TD. *see* Zebis, Christensen, & others. 2007;83:1326-31*

Christie NA. *see* Pennathur, Luketich, & others. 2007;83:1820-5*

Chu MWA, Sharma K, Tchervenkov CI, Jutras LF, Lavoie J, Shemie SD, Laliberte E, Calaritis C, Cecere R. Berlin heart ventricular assist device in a child with hypoplastic left heart syndrome. 2007;83:1179-81,CR

Chuang M-T, Jaw T-S, Wong H-I, Lu C-Y, Hsu J-S. Bilateral congenital cystic adenomatoid malformation. 2007;83:e2,IM

Chughtai TS, Sharkey P, Brenneman F, Rizoli S. Blunt diaphragmatic rupture mandates a search for blunt aortic injury: an update. 2007;83:1234-5,CP

Chung Y-H. *see* Chao, Lin, & others. 2007;83:689-91,CR

Ciavarella GM. *see* Benedetto, Melina, & others. 2007;83:83-8*

Cingoz F, Yanulis G, Ching E, Fukamachi K, Wallick DW. Use of conventional dual chamber pacemakers with custom lead adapters to induce atrial fibrillation or heart failure in dogs. 2007;83:1858-62,NT

Ciriaco P. *see* Melloni, Cremona, & others. 2007;83:1946-51*

Clancy C. *see* Kress, Aronson, & others. 2007;83:1737-43*

Clark L. *see* Ikonomidis, Hilton, & others. 2007;83:2153-61*

Clark-Greuel JN, Connolly JM, Sorichillo E, Narula NR, Rapoport HS, Mohler ER III, Gorman JH III, Gorman RC, Levy RJ. Transforming growth factor- β 1 mechanisms in aortic valve calcification: increased alkaline phosphatase and related events. 2007;83:946-53*

Clavero JM, Cheyre JE, Solovera ME, Aparicio RP. Transient diaphragmatic paralysis by continuous para-phrenic infusion of bupivacaine: a novel technique for the management of residual spaces. 2007;83:1216-8,HW

Cleuziou J. *see* Hörer, Schreiber, & others. 2007;83:2169-75*

Cleuziou J. *see* Lange, Vogt, & others. 2007;83:1463-71*

Clifton J. *see* Graham, Shrive, & others. 2007;83:1257-64*

Coady MA. *see* Davies, Coe, & others. 2007;83:1593-602,AP

Coady MA. *see* Davies, Kaple, & others. 2007;83:1338-44*

Coddens J. *see* Lev-Ran, Casselman, & others. 2007;83:2205-7,CR

Coe MP. *see* Davies, Coe, & others. 2007;83:1593-602,AP

Cohen O, Odim J, De La Zerda D, Ukatu C, Vyas R, Vyas N. Long-term experience of girdling the ascending aorta with dacron mesh as definitive treatment for aneurysmal dilation. 2007;83:S780-784*

Cohen O. *see* Miller, Cameron, & others. 2007;83:S785-790*

Cohn LH. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Cohn W, Gregoric ID, Frazier OH. Staged reoperation: a novel strategy for high-risk patients. 2007;83:1558,HW

Cohn WE, Gregoric ID, La Francesca S, Frazier OH. Bedside right ventricular assist device removal in the conscious patient. 2007;83:1556-7,HW

Cohn WE. *see* La Francesca, Gregoric, & others. 2007;83:1881-2,CR

Colan SD. *see* Larrazabal, del Nido, & others. 2007;83:179-84*

Colangelo N. *see* Castiglioni, Verzini, & others. 2007;83:586-91*

Colantonio LB. *see* Mazzola, Gregorini, & others. 2007;83:1564-5,HW

Collard J-M. *see Volonté, Collard, & others.* 2007;83:265-71*

Colman JM. *see David, Feindel, & others.* 2007;83:S732-735*

Colombo P. *see Bruschi, Tarelli, & others.* 2007;83:e9-10,CR

Colquhoun I. *see West, Nicholson, & Colquhoun.* 2007;83:687-9,CR

Colson YL. *see Linden, Bueno, & others.* 2007;83:1129-33*

Conant AR. *see Oo, Conant, & others.* 2007;83:126-33*

Connolly JM. *see Clark-Greuel, Connolly, & others.* 2007;83:946-53*

Conrad MF, Crawford RS, Davison JK. Thoracoabdominal aneurysm repair: a 20-year perspective. 2007;83:S856-861*

Constantinides V. *see Jones, Athanasiou, & others.* 2007;83:341-8,CV

Conte JV. *see Kobayashi, Williams, & others.* 2007;83:969-78*

Conte JV. *see Patel, Williams, & others.* 2007;83:2017-28*

Conti D. *see Ranucci, Bellucci, & others.* 2007;83:1089-95*

Conti JV Jr. *see Klodell, Morey, & others.* 2007;83:68-71,DI

Conti M, Robin E, Porte H, Marquette C-H, Wurtz A. Management of postintubation tracheobronchial ruptures. 2007;83:1924,CP

Coogan S. *see Estrera, Miller, & others.* 2007;83:1603-9*

Cook DJ, Huston J III, Treanerry MR, Brown RD Jr, Zehr KJ, Sundt TM III. Postcardiac surgical cognitive impairment in the aged using diffusion-weighted magnetic resonance imaging. 2007;83:1389-95*

Cooke RH. *see Zhang, Kapetanakis, & others.* 2007;83:298-300,CR

Cooper JV. *see Rampoldi, Trimarchi, & others.* 2007;83:55-61*

Cordell AR. *see Kincaid, Cordell, & others.* 2007;83:964-8*

Córdoba M. *see Gómez de Antonio, Gámez, & others.* 2007;83:1891-3,CR

Cornelissen J. *see Lim, Carballo, & others.* 2007;83:134-9*

Corno AF. *see Vida, Berggren, & others.* 2007;83:161-8*

Correa AM. *see Blackmon, Correa, & others.* 2007;83:1805-13*

Corti B. *see Mattioli, Ruffato, & others.* 2007;83:1814-9*

Cortright DN. *see Rinder, Smith, & others.* 2007;83:146-52*

Coselli JS. Open surgical repair of 2286 thoracoabdominal aortic aneurysms. 2007;83:S862-864*

Coselli JS, Elefteriades JA, Estrera AL, Lansman SL, Nienaber C, Sundt TM III. Panel discussion: session iii natural history and dissection. 2007;83:S846-850*

Coselli JS. *see Davies, Coe, & others.* 2007;83:1593-602,DI

Coselli JS. *see Estrera, Miller, & others.* 2007;83:1603-9,DI

Coselli JS. *see Kincaid, Cordell, & others.* 2007;83:964-8,DI

Coselli JS. *see Spielvogel, Coselli, & others.* 2007;83:S890-892*

Coselli JS. *see Wong, Coselli, & others.* 2007;83:1345-55*

Cosgriff N. *see Vassiliades, Cosgriff, & others.* 2007;83:1508-12,NT

Costa F. *see Hueb, Gersh, & others.* 2007;83:93-9*

Costantini EN. *see Thors, Guarneri, & others.* 2007;83:2207-10,CR

Costello JM. *see Lai, Laussen, & others.* 2007;83:1768-73*

Covino E. *see Chello, Anselmi, & others.* 2007;83:1374-80*

Cowper PA, DeLong ER, Hannan EL, Muhlbauer LH, Lytle BL, Jones RH, Holman WL, Pokorny JJ, Stafford JA, Mark DB, Peterson ED. Is early too early? effect of shorter stays after bypass surgery. 2007;83:100-7*

Cox JL. *see Shemin, Cox, & others.* 2007;83:1225-30,RE

Crabtree T, Aitchison D, Meyers BF, Tymkew H, Smith JR, Guthrie TJ, Munfakh N, Moon MR, Pasque MK, Lawton J, Moazami N, Damiano RJ Jr. Clostridium difficile in cardiac surgery: risk factors and impact on postoperative outcome. 2007;83:1396-402*

Craig DM. *see Baig, Nassar, & others.* 2007;83:1477-83*

Cramer E. *see Riess, Bader, & others.* 2007;83:1310-8*

Crawford FA Jr. *see Ikonomidis, Hilton, & others.* 2007;83:2153-61*

Crawford RS. *see Conrad, Crawford, & Davison.* 2007;83:S856-861*

Cremona G. *see Melloni, Cremona, & others.* 2007;83:1946-51*

Criss D. *see Everett, Yeh, & others.* 2007;83:592-7*

Cristodoro L. *see Onorati, Cristodoro, & others.* 2007;83:1016-23*

Crow SS, Sullivan VV, Aysola AE, Key NS, Harker-Murray P, Foker JE, Steiner ME. Postoperative coagulopathy in a pediatric patient after exposure to bovine topical thrombin. 2007;83:1547-9,CR

Crowther MA. *see Warkentin & Crowther.* 2007;83:21-3,ED

Cua CL. *see Lai, Laussen, & others.* 2007;83:1768-73*

Cui B. *see Wu, Zhou, & others.* 2007;83:1491-500*

Culliford AT. *see Hannan, Wu, & others.* 2007;83:921-30*

Cunningham JM. Definition of coma in postoperative cardiac surgery patients requiring renal replacement therapy. 2007;83:1232,CP

Curatola D. *see Mercadante, Curatola, & Carlini.* 2007;83:1924,CP

Czer LSC. *see Goland, Czer, & others.* 2007;83:931-7*

Czerny M, Grimm M, Zimpfer D, Rodler S, Gottardi R, Hutschala D, Lammer J. Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta. 2007;83:450-5*

Czerny M, Zimpfer D, Rodler S, Funovics M, Dorfmeister M, Schoder M, Marta G, Weigang E, Gottardi R, Lammer J, Wolner E, Grimm M. Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type b dissections. 2007;83:1635-40*

Czerny M. *see Schoder, Czerny, & others.* 2007;83:1059-66*

da Cruz E. *see Tissot, Aggoun, & others.* 2007;83:727,CP

Daebritz S. *see Sodian, Weber, & others.* 2007;83:1854-7,NT

Daenen W. *see Vida, Berggren, & others.* 2007;83:161-8*

Dahlberg PS. *see Whitson, Andrade, & others.* 2007;83:1965-70*

Dahmen G. *see Schmidke, Dahmen, & Sievers.* 2007;83:36-9*

Daly RC. *see ElBardissi, Wiegmann, & others.* 2007;83:1412-9*

Daly RC. *see Stulak, Sundt, & others.* 2007;83:1319-25*

Daly RC. *see Villavicencio, Sundt, & others.* 2007;83:1403-11*

Damiano RJ Jr. *see Crabtree, Aitchison, & others.* 2007;83:1396-402*

Damiano RJ Jr. *see Kaiser, Melby, & others.* 2007;83:30-5*

Damiano RJ Jr. *see Melby, Zierer, & others.* 2007;83:1651-7*

Damiano RJ Jr. *see Zierer, Moon, & others.* 2007;83:2122-9*

D'Amico T. Clinical value of serum cytokeratin 19 fragment and sialyl-lewis x in non-small cell lung cancer. 2007;83:221-2,IC

D'Amico TA. *see Petersen, Pham, & others.* 2007;83:1245-50*

Dandel M. *see Knosalla, Weng, & others.* 2007;83:1691-6*

Dang NC. *see Bardakci, Cheema, & others.* 2007;83:483-9*

Danna P. *see Antona, Vanelli, & others.* 2007;83:1158-61,NT

Dark J. Feasibility and utility of a lung donor score: correlation with early post-transplant outcomes. 2007;83:264,IC

Dartevelle P. *see Vandendriessche, Fadel, & others.* 2007;83:236-40*

Darzi A. *see Jones, Athanasiou, & others.* 2007;83:341-8,CV

Darzi A. *see Warren, Mandal, & others.* 2007;83:707-14,CV

Dasika NL. *see Patel, Shillingford, & others.* 2007;83:1628-34*

Daughters GT. *see Nguyen, Cheng, & others.* 2007;83:47-54*

David TE, Feindel CM, Webb GD, Colman JM. Aortic valve preservation in patients with aortic root aneurysm: results of the reimplantation technique. 2007;83:S732-735*

David TE. *see Borger & David.* 2007;83:1920-1,CP

David TE. *see Miller, Cameron, & others.* 2007;83:S785-790*

David TE. *see Peterson, Borger, & others.* 2007;83:2044-9*

David TE. *see* Tang, Maganti, & others. 2007;83:938–45*

Davidson L. *see* Ganti, Milton, & others. 2007;83:1196–7,CR

Davies RR, Coe MP, Mandapati D, Gallo A, Botta DM, Elefteriades JA, Coady MA. What is the optimal management of late-presenting survivors of acute type a aortic dissection? 2007;83:1593–602,AP

Davies RR, Kaple RK, Mandapati D, Gallo A, Botta DM Jr, Elefteriades JA, Coady MA. Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve. 2007;83:1338–44*

Davison JK. *see* Conrad, Crawford, & Davison. 2007;83:S856–861*

Dayal A. *see* Dixit, Pradeep, & others. 2007;83:1580,CP

de Braud F. *see* De Pas, de Braud, & others. 2007;83:231–5*

De Geest R. *see* Bakir, Casselman, & others. 2007;83:331–40,CV

De Geest R. *see* Deshpande, Casselman, & others. 2007;83:2142–6*

de Haan MW. *see* Schurink, Nijenhuis, & others. 2007;83:S877–881*

de Kerchove L. *see* Jeanmart, de Kerchove, & others. 2007;83:S746–751*

de la Llana R. *see* Nassar, de la Llana, & Diaz-Romero. 2007;83:663–4,CR

De La Zerda D. *see* Cohen, Odim, & others. 2007;83:S780–784*

De Leyn P. *see* Stamenkovic, Hierner, & others. 2007;83:1213–5,HW

de Montpreville V. *see* Vanden Eynden, Fadel, & others. 2007;83:236–40*

De Pas TM, de Braud F, Catalano G, Putzu C, Veronesi G, Leo F, Solli PG, Brambilla D, Paganelli G, Spaggiari L. Oligometastatic non small cell lung cancer: a multidisciplinary approach in the positron emission tomographic scan era. 2007;83:231–5*

De Paulis R. *see* Settepani, Szeto, & others. 2007;83:S769–773*

De Paulis S. *see* Pragliola, Altamura, & others. 2007;83:670–2,CR

de Perrot M. *see* Vanden Eynden, Fadel, & others. 2007;83:236–40*

De Robertis MA. *see* Goland, Czer, & others. 2007;83:931–7*

de Roos A. *see* Henkens, van Straten, & others. 2007;83:907–11*

De Roy L. *see* La Meir, De Roy, & others. 2007;83:2244–5,HW

De Silva RJ. *see* Drury, De Silva, & others. 2007;83:1552–3,CR

De Vincentiis C. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

de Voogt WG. *see* Said, de Voogt, & others. 2007;83:291–3,CR

de Vroege R. *see* Huybregts, Morariu, & others. 2007;83:1760–7*

de Zélicourt D. *see* Soerensen, Pekkan, & others. 2007;83:2182–90*

Dearani JA. *see* ElBardissi, Wiegmann, & others. 2007;83:1412–9*

Dearani JA. *see* Stulak, Sundt, & others. 2007;83:1319–25*

Dearani JA. *see* Villavicencio, Sundt, & others. 2007;83:1403–11*

DeBacker J. *see* Williams, Loeys, & others. 2007;83:S757–763*

DeCamp MM. *see* Roberts, , & others. 2007;83:388–92,DI

DeCampos JRM. *see* Roberts, , & others. 2007;83:388–92,DI

Deeb GM. *see* Patel, Shillingford, & others. 2007;83:1628–34*

Deeb MG. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

DeGasperis A. *see* Yau, DeGasperis, & DeGasperis. 2007;83:1234,CP

DeGasperis L. *see* Yau, DeGasperis, & DeGasperis. 2007;83:1234,CP

Degrieck I. *see* Bakir, Casselman, & others. 2007;83:331–40,CV

Degrieck I. *see* Deshpande, Casselman, & others. 2007;83:2142–6*

deGuzman BJ. *see* Aklog & deGuzman. 2007;83:2261–2,CP

del Genio A. *see* del Genio, del Genio, & others. 2007;83:2235–8,HW

del Genio F. *see* del Genio, del Genio, & others. 2007;83:2235–8,HW

del Genio G, del Genio A, Brusciano L, Russo G, Pizza F, del Genio F, Rossetti G. Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to heller myotomy. 2007;83:2235–8,HW

del Nido PJ. *see* Lai, Laussen, & others. 2007;83:1768–73*

del Nido PJ. *see* Larrazabal, del Nido, & others. 2007;83:179–84*

Delaere P. *see* Stamenkovic, Hierner, & others. 2007;83:1213–5,HW

Deleuze P. *see* Miller, Cameron, & others. 2007;83:S785–790,DI

Delius R. Cerebral oxygen saturation does not normalize until after stage 2 single ventricle palliation. 2007;83:1436–7,IC

Delmo-Walter EM, Alexi-Meskishvili V, Abdul-Khalil H, Meyer R. Aneurysmal dilatation of the conatra bovine jugular vein conduit after reconstruction of the right ventricular outflow tract. 2007;83:682–4,CR

DeLong ER. *see* Cowper, DeLong, & others. 2007;83:100–7*

DeLong ER. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

DeLong ER. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Demers P. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279–84*

Demmy TL. Thoracoscopic lobectomy for impaired or complex patients: an update. 2007;83:1578,CP

Demmy TL. *see* Ramnath, Demmy, & others. 2007;83:1831–6*

Demontoux S. *see* Roussin, Belli, & others. 2007;83:173–8*

Denault AY. *see* Lamarche, Cartier, & others. 2007;83:284–7,CR

Denham A. *see* Vassiliades, Cosgriff, & others. 2007;83:1508–12,NT

Dennie CJ. *see* Rubens, Bourke, & others. 2007;83:1075–81*

Dent JM. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Denti P. *see* Parolari, Naliato, & others. 2007;83:2009–16*

D'Errico A. *see* Mattioli, Ruffato, & others. 2007;83:1814–9*

Desai JB. *see* Motallebzadeh & Desai. 2007;83:2234,IM

Deschamps C. *see* Sugimura, Nichols, & others. 2007;83:409–18*

Deshpande RP, Casselman F, Bakir I, Cammu G, Wellens F, De Geest R, Degrieck I, Van Praet F, Vermeulen Y, Vanermen H. Endoscopic cardiac tumor resection. 2007;83:2142–6*

Deslauriers J. Surgical resection for multifocal (t4) non-small cell lung cancer: is the t4 designation valid? 2007;83:400–1,IC

Deslauriers R. *see* Wang, Liu, & others. 2007;83:1751–9*

Despotis G. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27–86*

Detterbeck FC. Transxiphoid hand-assisted videothoracoscopic surgery. 2007;83:1984–5,IC

Deutschman CS. *see* Frisia, Zhu, & others. 2007;83:252–7*

Devbhandari M. *see* Ali, Devbhandari, & others. 2007;83:302–4,CR

Dewey TM. *see* Edgerton, Edgerton, & others. 2007;83:89–92*

Dewey TM. *see* Magee, Herbert, & others. 2007;83:1707–12*

Dhar DK, Hattori S, Tonomoto Y, Shimoda T, Kato H, Tachibana M, Matsuura K, Mitsumoto Y, Little AG, Nagasue N. Appraisal of a revised lymph node classification system for esophageal squamous cell cancer. 2007;83:1265–72*

Dhareshwar J, Zehr KJ, Schaff HV. Surgical ostioplasty for isolated left main stenosis. 2007;83:1562–3,HW

Dhareshwar J. *see* Estrera, Miller, & others. 2007;83:S842–845*

Dhawan SS. "downhill" varices banding proximal to varix? 2007;83:359–60,CP

Di Bartolomeo R. *see* Settepani, Szeto, & others. 2007;83:S769–773*

Di Carlo D. *see* Vida, Berggren, & others. 2007;83:161–8*

Di Donato R. *see* Vida, Berggren, & others. 2007;83:161–8*

Di Luozzo G. *see* Etz, Di Luozzo, & others. 2007;83:S870–876*

Di Sciascio G. *see* Chello, Anselmi, & others. 2007;83:1374–80*

Di Simone MP. *see* Mattioli, Ruffato, & others. 2007;83:1814–9*

Diaz-Romero F. *see* Nassar, de la Llana, & Diaz-Romero. 2007; 83:663-4,CR

Dib N. *see* Botman, Schonberger, & others. 2007;83:2093-7*

Dickerson HA. *see* Rossano, Smith, & others. 2007;83:606-12*

Dienemann H. *see* Schneider, Storz, & others. 2007;83:1960-4*

Diethelm L. *see* Holman, Diethelm, & others. 2007;83:2201-3,CR

Diethrich EB. *see* Wheatley, McNutt, & Diethrich. 2007;83:272-8,NT

Diethrich EB. *see* Wheatley, Opie, & others. 2007;83:1555,IM

Dietz HC. *see* Williams, Loeys, & others. 2007;83:S757-763*

Dihmis WC. *see* Oo, Conant, & others. 2007;83:126-33*

Dimmeler S. *see* Aicher, Urbich, & others. 2007;83:1290-4*

DiMasto PD, Orringer MB. Transhiatal esophagectomy for distal and cardia cancers: implications of a positive gastric margin. 2007;83:1993-9*

DiNardo JA. *see* Odegard, Zurakowski, & others. 2007;83:1797-804*

Ding P-X. *see* Han, Ding, & Li. 2007;83:655-60,NT

Dion RAE. Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty. 2007;83:494-5,IC

Dion RAE. *see* Feringa, Shaw, & others. 2007;83:564-71*

Disçigil B. *see* Şen, Disçigil, & others. 2007;83:2203-5,CR

DiSesa VJ. *see* Smith, Mayer, & others. 2007;83:12-20,RE

Divgi AB. *see* Kress, Aronson, & others. 2007;83:1737-43*

Dixit MD, Pradeep KK, Gan M, Dayal A. Problems in peroperative secundum atrial septal defect device closure: our experience. 2007;83:1580,CP

Dodge-Khatami A, Backer CL, Meuli M, Prêtre R, Tomaske M, Mavroudis C. Migration and colon perforation of intra-peritoneal cardiac pacemaker systems. 2007;83:2230-2,CR

Dodge-Khatami A, Knirsch W, Tomaske M, Prêtre R, Bettex D, Rousson V, Bauersfeld U. Spontaneous closure of small residual ventricular septal defects after surgical repair. 2007;83:902-6*

Dodge-Khatami A. *see* Aellig, Balmer, & others. 2007;83:1420-4*

Dogra PN. *see* Chowdhury, Mishra, & others. 2007;83:1731-6*

Dohmen PM. In vivo evaluation of a porous, elastic, biodegradable patch for reconstructive cardiac procedures. 2007;83:654,IC

Dohmen PM, Gabbieri D, Lembcke A, Konertz W. Endothelial cell-seeded bovine internal mammary artery for complete revascularization. 2007;83:1168-9,CR

Dohmen PM, Konertz W. Can cryopreservation destroy the extracellular matrix of pulmonary allografts? 2007;83:1921,CP

Dohmen PM. *see* Gabbieri, Dohmen, & others. 2007;83:1166-8,CR

Doi T. *see* Kotoh, Fukahara, & others. 2007;83:1679-83*

Dokholyan RS. *see* O'Brien, Shahian, & others. 2007;83:S13-26*

Dokholyan RS. *see* Shahian, Edwards, & others. 2007;83:S3-12*

Donahue DM. *see* Gaissert, Honings, & others. 2007;83:1952-9*

Donayre CE. *see* Khoynezhad, Donayre, & others. 2007;83:S882-889*

Döner E. *see* Sivrikoz, Kaya, & others. 2007;83:2199-201,CR

Donnington JS. *see* Spaggiari, Leo, & others. 2007;83:223-30,DI

Doolan L. *see* Egi, Bellomo, & others. 2007;83:715-23,CV

Dorfmeister M. *see* Czerny, Zimpfer, & others. 2007;83:1635-40*

Douville EC. Use of both internal thoracic arteries in diabetic patients increases deep sternal wound infection. 2007;83:1007,IC

Dover K. *see* Mesana, Ibrahim, & others. 2007;83:322-3,HW

D'ovidio F. *see* Mattioli, Ruffato, & others. 2007;83:1814-9*

Downey FX III. *see* Kress, Aronson, & others. 2007;83:1737-43*

Drakos SG, Kfoury AG, Gilbert EM, Long JW, Stringham JC, Hammond EH, Jones KW, Bull DA, Hagan ME, Folsom JW, Horne BD, Renlund DG. Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support. 2007;83:62-7*

Drews T. *see* Koster, Huebler, & others. 2007;83:72-6*

Dreyfus G. *see* Bachet, Larrazet, & others. 2007;83:S774-779*

Droghetti A, Schiavini A, Muriana P, Tomassoni D, Canneto B, Aitini E. Chest wall reconstruction in full-thickness defect for mastectomy and irradiation. 2007;83:697,IM

Drury NE, De Silva RJ, Hall RMO, Large SR. Congenital defects of the pericardium. 2007;83:1552-3,CR

Duffy JP. *see* Townshend, Lakshminarayanan, & others. 2007;83:1523-4,CR

Dulger H. *see* Guler, Ozkara, & others. 2007;83:532-7*

Dullum M. *see* Haan, Milford-Beland, & others. 2007;83:2103-10*

Duncan KF. *see* Fenton, Lessman, & others. 2007;83:1431-7*

Dunne N. *see* Jones, Athanasiou, & others. 2007;83:341-8,CV

Dunning J. *see* Ali, Halstead, & others. 2007;83:2162-8*

Dutra P. *see* Hueb, Gersh, & others. 2007;83:93-9*

Dworak E. *see* Hörer, Schreiber, & others. 2007;83:2169-75*

Dyke CM. *see* Koster, Dyke, & others. 2007;83:572-7*

Eagle KA. *see* Rampoldi, Trimarchi, & others. 2007;83:55-61*

Ebels T. *see* Roofthooft, Bergman, & others. 2007;83:1446-50*

Ebels T. *see* Visser, Erasmus, & Ebels. 2007;83:329-30,HW

Echigo S. *see* Oyamada, Kobayashi, & others. 2007;83:1532-4,CR

Eckstein JG. *see* Yopp, Eckstein, & others. 2007;83:1897-9,CR

Economopoulos G. Delayed pseudoaneurysm of the mitral-aortic intervalvular fibrosa. 2007;83:2233,IM

Eda T, Matuura A, Miyahara K, Takemura H, Sawaki S, Yoshioka T, Yoshida N. Spontaneous restoration of patency in the free gastroepiploic artery graft: the living transplanted vascular system for coronary revascularization. 2007;83:2219-20,CR

Eda T. *see* Mizutani, Matsuura, & others. 2007;83:1368-73*

Edgerton JR, Edgerton ZJ, Mack MJ, Hoffman S, Dewey TM, Herbert MA. Ventricular epicardial lead placement for resynchronization by determination of paced depolarization intervals: technique and rationale. 2007;83:89-92*

Edgerton JR. *see* Magee, Herbert, & others. 2007;83:1707-12*

Edgerton ZJ. *see* Edgerton, Edgerton, & others. 2007;83:89-92*

Edvardsson N. *see* Wierup, Lidén, & others. 2007;83:1713-6*

Edwards F. *see* Engelman, Shahian, & others. 2007;83:1569-76,RE

Edwards FH. Risk index for predicting in-hospital mortality for cardiac valve surgery. 2007;83:930,IC

Edwards FH. *see* O'Brien, Shahian, & others. 2007;83:S13-26*

Edwards FH. *see* Savage, Grab, & others. 2007;83:1002-7*

Edwards FH. *see* Shahian, Edwards, & others. 2007;83:S3-12*

Edwards FH. *see* Shahian, Grover, & others. 2007;83:S1-2*

Edwards FH. *see* Wright & Edwards. 2007;83:893-4,ED

Eeckhout E. *see* Botman, Schonberger, & others. 2007;83:2093-7*

Egan TM. *see* Pennathur, Luketich, & others. 2007;83:1820-5,DI

Eghtesady P, Michelfelder E, Altaye M, Ballard E. Revisiting animal models of aortic stenosis in the early gestation fetus. 2007;83:631-9*

Egi M, Bellomo R, Langenberg C, Haase M, Haase A, Doolan L, Matalanis G. Selecting a vasopressor drug for vasoplegic shock after adult cardiac surgery: a systematic literature review. 2007;83:715-23,CV

Eicken A. *see* Hörer & Eicken. 2007;83:726-7,CP

Eicken A. *see* Schreiber, Prodan, & others. 2007;83:1231,CP

Eiferman DS. *see* Savage, Grab, & others. 2007;83:1002-7*

Eijkemans MJC. *see* Grunkemeier, Jin, & others. 2007;83:1586-92*

Einhorn LH. *see* Kesler & Einhorn. 2007;83:1915, KR

Eitz T. *see* Fritzsche, Eitz, & others. 2007;83:542–8*

El Khoury G. *see* Chiappini, Absil, & others. 2007;83:1285–9*

El Khoury G. *see* Miller, Cameron, & others. 2007;83:S785–790*

El Oakley RM, Al Habib HF. Total arterial coronary revascularization using arterial bypass circle with multiple inflows. 2007;83:1911–2, HW

El-Ansary D, Waddington G, Adams R. Measurement of non-physiological movement in sternal instability by ultrasound. 2007;83:1513–7, NT

ElBardissi AW, Wiegmann DA, Dearani JA, Daly RC, Sundt TM III. Application of the human factors analysis and classification system methodology to the cardiovascular surgery operating room. 2007;83:1412–9*

Elefteriades JA. *see* Coselli, Elefteriades, & others. 2007;83:S846–850*

Elefteriades JA. *see* Davies, Coe, & others. 2007;83:1593–602, AP

Elefteriades JA. *see* Davies, Kaple, & others. 2007;83:1338–44*

El-Hamamsy I. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279–84*

Elliott MJ. *see* Vida, Berggren, & others. 2007;83:161–8*

Engel C Thomas /Kyriss. *see* Steger, Mika, & others. 2007;83:1940–5*

Engelman R, Shahian D, Shemin R, Guy TS, Bratzler D, Edwards F, Jacobs M, Fernando H, Bridges C. The society of thoracic surgeons practice guideline series: antibiotic prophylaxis in cardiac surgery, part ii: antibiotic choice. 2007;83:1569–76, RE

Englund AG. *see* Ahlsson, Bodin, & others. 2007;83:1332–7*

Ennis DB. *see* Nguyen, Cheng, & others. 2007;83:47–54*

Ennker J. *see* Gulbins, Pritisanac, & Ennker. 2007;83:1219–24, CV

Erasmi AW, Sievers H-H, Bechtel JM, Hanke T. Remodeling or reimplantation for valve-sparing aortic root surgery? 2007;83:S752–756*

Erasmi AW. *see* Miller, Cameron, & others. 2007;83:S785–790*

Erasmus ME. *see* Visser, Erasmus, & Ebels. 2007;83:329–30, HW

Erbilen E. *see* Guler, Ozkara, & others. 2007;83:532–7*

Ergina P. *see* Bernier, Grenon, & others. 2007;83:1544–5, CR

Eriksson L. *see* Steen, Ingemansson, & others. 2007;83:2191–5, NT

Eroglu A. *see* Karaoglanoglu, Turyilmaz, & Eroglu. 2007;83:2259–60, CP

Erol M. *see* Tekinbas & Erol. 2007;83:2239–40, HW

Esaki J, Koshiji T, Okamoto M, Tsukashita M, Ikuno T, Sakata R. Gastroepiploic artery grafting does not improve the late outcome in patients with bilateral internal thoracic artery grafting. 2007;83:1024–9*

Esposito A. *see* Onorati, Cristodoro, & others. 2007;83:1016–23*

Esposito G. *see* Griep, Haverich, & others. 2007;83:S824–831, DI

Estevez V. *see* Garcia-Fuster, Estornell, & others. 2007;83:1901, IM

Estornell J. *see* Garcia-Fuster, Estornell, & others. 2007;83:1901, IM

Estrera AL, Miller CC III, Villa MA, Lee T-Y, Meada R, Irani A, Azizzadeh A, Coogan S, Safi HJ. Proximal reoperations after repaired acute type a aortic dissection. 2007;83:1603–9*

Estrera AL, Miller CC, Goodrick J, Porat EE, Achouh PE, Dhareshwar J, Meada R. Update on outcomes of acute type b aortic dissection. 2007;83:S842–845*

Estrera AL. *see* Coselli, Elefteriades, & others. 2007;83:S846–850*

Estrera AL. *see* Safi, Miller, & others. 2007;83:S815–818*

Etz CD, Di Luozzo G, Bello R, Luehr M, Khan MZ, Bodian CA, Griep RB. Pulmonary complications after descending thoracic and thoracoabdominal aortic aneurysm repair: predictors, prevention, and treatment. 2007;83:S870–876*

Etz CD, Welp HA, Tjan TDT, Hoffmeier A, Weigang E, Scheld HH, Schmid C. Medically refractory pulmonary hypertension: treatment with nonpulsatile left ventricular assist devices. 2007;83:1697–706*

Etz CD. *see* Spielvogel, Etz, & others. 2007;83:S791–795*

Everett BM, Yeh R, Foo SY, Criss D, Van Cott EM, Laposata M, Avery EG, Hoffman WD, Walker J. Prevalence of heparin/platelet factor 4 antibodies before and after cardiac surgery. 2007;83:592–7*

Évora PRB. *see* Rodrigues, Évora, & others. 2007;83:2060–5*

Ewald GA. *see* Zierer, Melby, & others. 2007;83:1684–90*

Eyjolfsson A. *see* Steen, Ingemansson, & others. 2007;83:2191–5, NT

Fabricius A. *see* Battellini, Rastan, & others. 2007;83:1206–9, HW

Fadel E. *see* Vanden Eynden, Fadel, & others. 2007;83:236–40*

Falk V. *see* Holzhey, Jacobs, & others. 2007;83:108–14*

Fang J. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Fattori R. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Fattouch K, Bianco G, Sbraga F, Sampognaro R, Ruvolo G. Simple, safe and easy technique to ensure the correct length of artificial chordae in mitral valve repair. 2007;83:1902–3, HW

Fazel S. *see* Yau, Kim, & others. 2007;83:1110–20*

Fedoruk LM, Tribble CG, Kern JA, Peeler BB, Kron IL. Predicting operative mortality after surgery for ischemic cardiomyopathy. 2007;83:2029–35*

Fedoruk LM. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Fehrenbacher JW, Hart DW, Huddleston E, Siderys H, Rice C. Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest. 2007;83:1041–6*

Feindel CM. *see* Borger, Nette, & others. 2007;83:2054–9*

Feindel CM. *see* David, Feindel, & others. 2007;83:S732–735*

Feindel CM. *see* Peterson, Borger, & others. 2007;83:2044–9*

Feindel CM. *see* Tang, Maganti, & others. 2007;83:938–45*

Feller ED, Sorenson EN, Haddad M, Pierson RN III, Brown JM, Griffith BP. Clinical outcomes are similar in pulsatile and nonpulsatile left ventricular assist device recipients. 2007;83:1082–8*

Feng J, Sellke FW. Enhanced angiogenesis with multimodal cell-based gene therapy. 2007;83:1119–20, IC

Feng J. *see* Svensson, Blackstone, & others. 2007;83:1067–74*

Fenton KN, Lessman K, Glogowski K, Fogg S, Duncan KF. Cerebral oxygen saturation does not normalize until after stage 2 single ventricle palliation. 2007;83:1431–7*

Ferdinand FD. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57, DI

Ferguson TB. *see* Haan, Milford-Beland, & others. 2007;83:2103–10*

Ferguson TB Jr. *see* Goyal, Alexander, & others. 2007;83:993–1001*

Feringa HHH, Shaw LJ, Poldermans D, Hoeks S, van der Wall EE, Dion RAE. Mitral valve repair and replacement in endocarditis: a systematic review of literature. 2007;83:564–71*

Fernandez A. *see* Andrade Neto, Terra, & others. 2007;83:2196–7, CR

Fernando H. *see* Engelman, Shahian, & others. 2007;83:1569–76, RE

Fernando HC. *see* Pennathur, Luketich, & others. 2007;83:1820–5*

Ferraris SP. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27–86*

Ferraris VA. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Ferraris VA. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Ferraris VA. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27–86*

Ferri LE. *see* Gholoum, Fraser, & Ferri. 2007;83:1528–30,CR

Feuchtner GM. *see* Schachner, Feuchtner, & others. 2007;83:1361–7*

Fiegl N. *see* Gorlitzer, Grabenwoeger, & others. 2007;83:393–6*

Filho AS. *see* Rodrigues, Évora, & others. 2007;83:2060–5*

Filippelli S. *see* Brancaccio, Amodeo, & others. 2007;83:619–21*

Finch D. *see* Husain, Finch, & others. 2007;83:1251–6*

Finklea L. *see* Ikonomidis, Hilton, & others. 2007;83:2153–61*

Finley RJ. *see* Graham, Shrive, & others. 2007;83:1257–64*

Fiorani B. *see* Bianchini, Melina, & others. 2007;83:2213–4,CR

Fiore AC, Turrentine M, Rodefeld M, Vijay P, Schwartz TL, Virgo KS. Fontan operation: a comparison of lateral tunnel with extracardiac conduit. 2007;83:622–30*

Fiore AC. *see* Rodefeld, Ruzmetov, & others. 2007;83:1451–7*

Fiser RT. *see* Sachdeva, Fiser, & others. 2007;83:680–2,CR

Flecher E. *see* Aubert, Flecher, & others. 2007;83:1560–1,HW

Fogel M. *see* Soerensen, Pekkan, & others. 2007;83:2182–90*

Fogg S. *see* Fenton, Lessman, & others. 2007;83:1431–7*

Foker JE. *see* Crow, Sullivan, & others. 2007;83:1547–9,CR

Folkersen L. *see* Zebis, Christensen, & others. 2007;83:1326–31*

Folliguet T. *see* Bachet, Larrazet, & others. 2007;83:S774–779*

Folsom JW. *see* Drakos, Kfoury, & others. 2007;83:62–7*

Fontaine JP. *see* Paul, Raja, & others. 2007;83:1188–90,CR

Fontana GP. *see* Goland, Czer, & others. 2007;83:931–7*

Foo SY. *see* Everett, Yeh, & others. 2007;83:592–7*

Force SD. *see* Miller & Force. 2007;83:1850–3*

Formby M. *see* Matsushita, Huynh, & others. 2007;83:2220–2,CR

Forster CS. *see* Bardakci, Cheema, & others. 2007;83:483–9*

Fortich K. *see* Baird, Zurakowski, & others. 2007;83:912–20*

Fradet GJ. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57*

Fraedrich G. *see* Biebl, Fraedrich, & others. 2007;83:1578–9,CP

Fragata J. *see* Vida, Berggren, & others. 2007;83:161–8*

François K. *see* Williams, Loeys, & others. 2007;83:S757–763*

Frank MM. *see* Baig, Nassar, & others. 2007;83:1477–83*

Franke UFW. Is extracorporeal life support contraindicated in elderly patients? 2007;83:145,IC

Frankel KM. *see* Mortman, Hochheiser, & others. 2007;83:1894–7,CR

Fraser CD. *see* Brown, Ruzmetov, & others. 2007;83:1781–9,DI

Fraser CD. *see* Fiore, Turrentine, & others. 2007;83:622–30,DI

Fraser CD Jr. *see* Rossano, Smith, & others. 2007;83:606–12*

Fraser CD Jr. *see* Roussin, Belli, & others. 2007;83:173–8,DI

Fraser R. *see* Gholoum, Fraser, & Ferri. 2007;83:1528–30,CR

Frazier OH. *see* Cohn, Gregoric, & others. 2007;83:1556–7,HW

Frazier OH. *see* Cohn, Gregoric, & Frazier. 2007;83:1558,HW

Frazier OH. *see* La Francesca, Gregoric, & others. 2007;83:1881–2,CR

Freeman RK, Van Woerkom JM, Ascioti AJ. Esophageal stent placement for the treatment of iatrogenic intrathoracic esophageal perforation. 2007;83:2003–8*

Friedel G. *see* Steger, Mika, & others. 2007;83:1940–5*

Friedrich G. *see* Oehlinger, Bonaros, & others. 2007;83:1030–4*

Friedrich G. *see* Schachner, Feuchtner, & others. 2007;83:1361–7*

Friscia ME, Zhu J, Kolff JW, Chen Z, Kaiser LR, Deutschman CS, Shrager JB. Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy. 2007;83:252–7*

Fritzsche D, Eitz T, Laczkovics A, Liebold A, Knaut M, Matschke K, Sagie A, Mehlhorn U. Early detection of mechanical valve dysfunction using a new home monitoring device. 2007;83:542–8*

Fujimoto KL, Guan J, Oshima H, Sakai T. In vivo evaluation of a porous, elastic, biodegradable patch for reconstructive cardiac procedures. 2007;83:648–54,NT

Fukahara K. *see* Kotoh, Fukahara, & others. 2007;83:1679–83*

Fukamachi K. *see* Cingoz, Yanulis, & others. 2007;83:1858–62,NT

Fukuda I. *see* Wakayama, Fukuda, & others. 2007;83:153–60*

Fukui T, Takanashi S, Hosoda Y, Suehiro S. Early and midterm results of off-pump coronary artery bypass grafting. 2007;83:115–9*

Fukunaga S. *see* Aoyagi, Okazaki, & others. 2007;83:289–91,CR

Fukushima N. *see* Hata, Takano, & others. 2007;83:1621–7*

Fullerton DA. *see* Melby, Zierer, & others. 2007;83:1651–7,DI

Funes de la Vega M. *see* Zamfir, Vernet, & others. 2007;83:2228–30,CR

Funken J-C. *see* Chiappini, Absil, & others. 2007;83:1285–9*

Funovics M. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Furuta M. *see* Ota, Taketani, & others. 2007;83:1501–7*

Fyfe-Kirschner B. *see* Takami, Masumoto, & Fyfe-Kirschner. 2007;83:2210–3,CR

Gabbieri D, Dohmen PM, Koch C, Lembcke A, Rutsch W, Konertz W. Aortocoronary endothelial cell-seeded polytetrafluoroethylene graft: 9-year patency. 2007;83:1166–8,CR

Gabbieri D. *see* Dohmen, Gabbieri, & others. 2007;83:1168–9,CR

Gadjiev AA. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Gaussian HA, Honings J, Grillo HC, Donahue DM, Wain JC, Wright CD, Mathisen DJ. Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma. 2007;83:1952–9*

Galetta D. *see* Spaggiari, Leo, & others. 2007;83:223–30*

Gallegos RP. *see* Paul, Jain, & others. 2007;83:e14–5,RV

Gallo A. *see* Davies, Coe, & others. 2007;83:1593–602,AP

Gallo A. *see* Davies, Kaple, & others. 2007;83:1338–44*

Gámez P. *see* Gómez de Antonio, Gámez, & others. 2007;83:1891–3,CR

Gammie JS, Abrishamchian AR, Griffith BP. Cardiac autotransplantation and radical bi-atrial resection for recurrent atrial myxoma. 2007;83:1545–7,CR

Gan M. *see* Dixit, Pradeep, & others. 2007;83:1580,CP

Gandhi S. *see* Baird, Zurakowski, & others. 2007;83:912–20*

Gandhi SK, Canter CE, Kulikowska A, Huddleston CB. Infant heart transplantation ten years later where are they now? 2007;83:169–72*

Gandjbakhch I. *see* Aubert, Flecher, & others. 2007;83:1560–1,HW

Gandjbakhch I. *see* Rama, Rubin, & others. 2007;83:1908–10,HW

Ganti S, Milton R, Davidson L, Thorpe A. Facial flushing due to recurrent bronchial carcinoid. 2007;83:1196–7,CR

Gao D. *see* Bonde, Gao, & others. 2007;83:433–40*

Garatti A. *see* Bruschi, Tarelli, & others. 2007;83:e9–10,CR

Garcia D. *see* Kadem & Garcia. 2007;83:354,CP

García-Fuster R, Estornell J, Rodriguez I, Estevez V. Papillary muscle infarction: the role of magnetic resonance imaging. 2007;83:1901,IM

García-Valentín A. *see* Bernabeu, Josa, & others. 2007;83:1537–8,CR

Gardin JM. *see* Kamalakannan, Pai, & others. 2007;83:2081–6*

Garrett JR. *see* Keeling, Lewis, & others. 2007;83:193–6*

Gassner E. *see* Schachner, Feuchtner, & others. 2007;83:1361–7*

Gauer J-M. *see* Plass, Grünenfelder, & others. 2007;83:1210–2,HW

Gauvreau K. *see* Larrazabal, del Nido, & others. 2007;83:179–84*

Gauvreau K. *see* Ma, Gauvreau, & others. 2007;83:1438–45*

Gay WA. *see* ElBardissi, Wiegmann, & others. 2007;83:1412–9,DI

Gazoni LM, Fedoruk LM, Kern JA, Dent JM, Reece TB, Tribble CG, Smith PW, Lisle TC, Kron IL. A simplified approach to degenerative disease: triangular resections of the mitral valve. 2007;83:1658-65*

Gazzoli F, Alloni A, Pagani F, Pellegrini C, Longobardi A, Ricci D, Rinaldi M, Viganò M. Arrow coraide left ventricular assist system: initial experience of the cardio-thoracic surgery center in pavia. 2007;83:279-82,NT

Geelen P. *see* Bakir, Casselman, & others. 2007;83:331-40,CV

Gelpi G. *see* Antonia, Vanelli, & others. 2007;83:1158-61,NT

Gennevois D. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Genoni M. *see* Plass, Grünenfelder, & others. 2007;83:1210-2,HW

George I. *see* Bardakci, Cheema, & others. 2007;83:483-9*

George RS, Birks EJ, Radley-Smith RC, Khaghani A, Yacoub M. Bridge to transplantation with a left ventricular assist device for systemic ventricular failure after mustard procedure. 2007;83:306-8,CR

Georgiou G. *see* Mitropoulos, Kanakis, & others. 2007;83:672-4,CR

Gersh BJ. *see* Hueb, Gersh, & others. 2007;83:93-9*

Ghali WA. *see* Graham, Shrive, & others. 2007;83:1257-64*

Ghanayem NS. *see* Sachdeva, Fiser, & others. 2007;83:680-2,CR

Gholoum S, Fraser R, Ferri LE. Posterior mediastinal chondromatous hamartoma. 2007;83:1528-30,CR

Ghostine S. *see* Azmoun, Ramadan, & others. 2007;83:2098-102*

Giancola R. *see* Mazzola, Gregorini, & others. 2007;83:1564-5,HW

Gibbons RD. *see* Shubaiber, Kim, & others. 2007;83:2135-41*

Giblin EM. *see* Mortman, Hochheiser, & others. 2007;83:1894-7,CR

Gibson CM. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Gilbert EM. *see* Drakos, Kfoury, & others. 2007;83:62-7*

Gildea TR. *see* Stoller, Gildea, & others. 2007;83:241-51*

Gillinov AM. *see* Atik, Navia, & others. 2007;83:526-31*

Gillinov AM. *see* Shemin, Cox, & others. 2007;83:1225-30,RE

Gillinov AM. *see* Svensson, Blackstone, & others. 2007;83:1067-74*

Giovannini C. *see* Mercadante, Giovannini, & Carlini. 2007;83:1925,CP

Giusti L. *see* Capuano, Bianchini, & others. 2007;83:2215-6,CR

Gladish DH. *see* Svensson, Blackstone, & others. 2007;83:1067-74*

Gleason T. *see* Rankin, Tuttle, & others. 2007;83:1008-15,DI

Glineur D. *see* Jeanmart, de Kerchove, & others. 2007;83:S746-751*

Glogowski K. *see* Fenton, Lessman, & others. 2007;83:1431-7*

Glower D. Papillary muscle repositioning in mitral valve replacement in patients with left ventricular dysfunction. 2007;83:963,IC

Glower DD. *see* Rankin, Tuttle, & others. 2007;83:1008-15*

Goerler H. *see* Ono, Goerler, & others. 2007;83:2224-6,CR

Goffinet J-M. *see* Jeanmart, de Kerchove, & others. 2007;83:S746-751*

Goffredo C. *see* Chello, Anselmi, & others. 2007;83:1374-80*

Goh K. *see* Kiokawa, Goh, & others. 2007;83:e3-5,HW

Góis AFT. *see* Hueb, Gersh, & others. 2007;83:93-9*

Gojo S, Kyo S, Nishimura S, Komiyama N, Kawai N, Bessho M, Sato H, Asakura T, Nishimura M. Cardiac resurrection after bone-marrow-derived mononuclear cell transplantation during left ventricular assist device support. 2007;83:661-2,CR

Goland S, Czer LSC, De Robertis MA, Mirocha J, Kass RM, Fontana GP, Chang W, Trento A. Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease. 2007;83:931-7*

Gold JP. *see* Hannan, Wu, & others. 2007;83:921-30*

Goldman SM. *see* Ishii, Kronengold, & others. 2007;83:517-25*

Goldstraw P, Krasopoulos G. Self and parental assessment after minimally invasive repair of pectus excavatum: lasting satisfaction after bar removal. 2007;83:1849,IC

Goldstraw P. *see* Jordan, Polkey, & Goldstraw. 2007;83:1139,IC

Goldstraw P. *see* Pilling, Nicholson, & others. 2007;83:314-5,CR

Gómez de Antonio D, Gámez P, Córdoba M, Moradiellos J, Varela A. Graft pneumonectomy and delayed contralateral lung transplantation. 2007;83:1891-3,CR

Goncette L. *see* Volonté, Collard, & others. 2007;83:265-71*

Gonzalez-Stawinski GV. *see* Atik, Navia, & others. 2007;83:526-31*

Goo H-W. *see* Yun, Cho, & others. 2007;83:1886-8,CR

Gooding WE. *see* Pennathur, Luketich, & others. 2007;83:1820-5*

Goodrick J. *see* Estrera, Miller, & others. 2007;83:S842-845*

Goodrick JS. *see* Safi, Miller, & others. 2007;83:S815-818*

Gopalakrishnan S. *see* Sadiq, Shyamkrishnan, & others. 2007;83:1790-6*

Goracci M. *see* Capuano, Bianchini, & others. 2007;83:2215-6,CR

Gorlitzer M, Grabenwoeger M, Meinhart J, Swoboda H, Oczeniski W, Fiegl N. Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy. 2007;83:393-6*

Gorman JH III. *see* Clark-Greuel, Connolly, & others. 2007;83:946-53*

Gorman RC. *see* Clark-Greuel, Connolly, & others. 2007;83:946-53*

Gorton ME. *see* Griep, Haverich, & others. 2007;83:S824-831,DI

Gott VL. The critical role of physiologist john a. johnson in the origins of minnesota's billion dollar pacemaker industry. 2007;83:349-53,SH

Gott VL. *see* Kobayashi, Williams, & others. 2007;83:969-78*

Gott VL. *see* Williams, Loey, & others. 2007;83:S757-763*

Gottardi R. *see* Czerny, Grimm, & others. 2007;83:450-5*

Gottardi R. *see* Czerny, Zimpfer, & others. 2007;83:1635-40*

Gottardi R. *see* Schoder, Czerny, & others. 2007;83:1059-66*

Gottardi R. *see* Zimpfer, Schoder, & others. 2007;83:664-6,CR

Goudot B. *see* Bachet, Larrazet, & others. 2007;83:S774-779*

Goyal A, Alexander JH, Hafley GE, Graham SH, Mehta RH, Mack MJ, Wolf RK, Cohn LH, Kouchoukos NT, Harrington RA, Gennevois D, Gibson CM, Calif RM, Ferguson TB Jr, Peterson ED, PREVENT IV Investigators t. Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery. 2007;83:993-1001*

Grab JD. *see* Savage, Grab, & others. 2007;83:1002-7*

Grabenwoeger M. *see* Gorlitzer, Grabenwoeger, & others. 2007;83:393-6*

Graham AJ, Shrive FM, Ghali WA, Manns BJ, Grondin SC, Finley RJ, Clifton J. Defining the optimal treatment of locally advanced esophageal cancer: a systematic review and decision analysis. 2007;83:1257-64*

Graham SH. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Grauhan O. *see* Knosalla, Weng, & others. 2007;83:1691-6*

Gravina GL. *see* Mazzola, Gregorini, & others. 2007;83:1564-5,HW

Greffé G, Chalabreysse L, Mouly-Bertin C, Lantelme P, Thivolet F, Aulaguer G, Obadia J-F. Valvular heart disease associated with fenfluramine detected 7 years after discontinuation of treatment. 2007;83:1541-3,CR

Greggersen J. *see* Scharfschwerdt, Sievers, & others. 2007;83:954-7*

Gregoric ID. *see* Cohn, Gregoric, & others. 2007;83:1556-7,HW

Gregoric ID. *see* Cohn, Gregoric, & Frazier. 2007;83:1558,HW

Gregoric ID. *see* La Francesca, Gregoric, & others. 2007;83:1881–2,CR

Gregorini R. *see* Mazzola, Gregorini, & others. 2007;83:1564–5,HW

Grenon M. *see* Bernier, Grenon, & others. 2007;83:1544–5,CR

Greve HH. *see* Palatianos, Laczkovics, & others. 2007;83:40–6*

Griep RB. Introduction. 2007;83:S731–731*

Griep RB. Spinal cord perfusion and protection during descending thoracic and thoracoabdominal aortic surgery: the collateral network concept. 2007;83:S865–869*

Griep RB, Haverich A, Kazui T, Kouchoukos NT, Safi HJ, Sasaki H. Panel discussion: session ii aortic arch. 2007;83:S824–831*

Griep RB. *see* Etz, Di Luozzo, & others. 2007;83:S870–876*

Griep RB. *see* Miller, Cameron, & others. 2007;83:S785–790,DI

Griep RB. *see* Spielvogel, Coselli, & others. 2007;83:S890–892*

Griep RB. *see* Strauch, Lauten, & others. 2007;83:2130–4*

Griffin B. *see* Svensson, Blackstone, & others. 2007;83:1067–74*

Griffith BP. *see* Feller, Sorensen, & others. 2007;83:1082–8*

Griffith BP. *see* Gammie, Abrishamchian, & Griffith. 2007;83:1545–7,CR

Griffiths AP. *see* Oto, Levvey, & others. 2007;83:257–64*

Grignani R. *see* Lim, Carballo, & others. 2007;83:134–9*

Grillo HC, Benfield JR. Richard m. peters, md (1922 2006). 2007;83:1916–7,SH

Grillo HC, Wright CD. Tracheal compression with “hairpin” right aortic arch: management by aortic division and aortopexy by right thoracotomy guided by intraoperative bronchoscopy. 2007;83:1152–7*

Grillo HC. *see* Gaissert, Honings, & others. 2007;83:1952–9*

Grimm M. *see* Czerny, Grimm, & others. 2007;83:450–5*

Grimm M. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Grimm RA. *see* Svensson, Blackstone, & others. 2007;83:1067–74*

Grocott HP. *see* Hill & Grocott. 2007;83:1923,CP

Gromann T. *see* Koster, Weng, & others. 2007;83:1865–7,CR

Grondin SC. *see* Graham, Shrive, & others. 2007;83:1257–64*

Grootenboers MJJH, Schramel FMNH, van Boven WJ, van Putte BP, Hendriks JMH, Van Schil PEY. Re-evaluation of toxicity and long-term follow-up of isolated lung perfusion with melphalan in patients with resectable pulmonary metastases: a phase i and extension trial. 2007;83:1235–6,CP

Grossi A. *see* Pocar, Moneta, & Grossi. 2007;83:468–74*

Grover F. *see* Slater, Komanapalli, & others. 2007;83:2074–80,DI

Grover FL. An innovative new concept for quality measurement in adult cardiac surgery. 2007;83:1237–9,ED

Grover FL. At last, inequities in reimbursement modified by real evidence-based data. 2007;83:9–11,ED

Grover FL. Use of the sts database by insurance companies. Reply. 2007;83:1918–9,CP

Grover FL. *see* Shahian, Grover, & others. 2007;83:S1–2*

Gruler M. *see* Walker, Bail, & others. 2007;83:1047–54*

Grünenfelder J. *see* Plass, Grünenfelder, & others. 2007;83:1210–2,HW

Grunkemeier GL, Jin R. Power and sample size: how many patients do i need? 2007;83:1934–9*

Grunkemeier GL, Jin R, Eijkemans MJC, Takkenberg JJM. Actual and actuarial probabilities of competing risks: apples and lemons. 2007;83:1586–92*

Grunkemeier GL, Wu Y. What are the odds? 2007;83:1240–4*

Gruwel M. *see* Wang, Liu, & others. 2007;83:1751–9*

Guan J. *see* Fujimoto, Guan, & others. 2007;83:648–54,NT

Guarneri R. *see* Thors, Guarneri, & others. 2007;83:2207–10,CR

Guarracino F. *see* Maselli, Guarracino, & Bajona. 2007;83:700–2,HW

Guay J. Evaluation of the coagulation system in children with two-ventricle congenital heart disease. 2007;83:1803–4,IC

Guilmet D. *see* Bachet, Pirotte, & others. 2007;83:1610–4*

Gulbins H, Pritisanac A, Enker J. Axillary versus femoral cannulation for aortic surgery: enough evidence for a general recommendation? 2007;83:1219–24,CV

Guler N, Ozkara C, Dulger H, Kutay V, Sahin M, Erbilen E. Do cardiac neuropeptides play a role in the occurrence of atrial fibrillation after coronary bypass surgery? 2007;83:532–7*

Gummert JF. *see* Krieg, Lapp, & others. 2007;83:1539–41,CR

Gunning D. *see* Kulik, Rubens, & others. 2007;83:502–9*

Guo C. *see* Ye, Haider, & others. 2007;83:1233–4,CP

Gurbuz AT, Hecht ML, Arslan AH. Intraoperative transesophageal echocardiography modifies strategy in off-pump coronary artery bypass grafting. 2007;83:1035–40*

Gürçün U. *see* Şen, Dişçigil, & others. 2007;83:2203–5,CR

Gustafsson R. *see* Steen, Ingemannsson, & others. 2007;83:2191–5,NT

Guthrie TJ. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*

Guthrie TJ. *see* Melby, Zierer, & others. 2007;83:1651–7*

Guthrie TJ. *see* Zierer, Melby, & others. 2007;83:1684–90*

Gutschow C. *see* Volonté, Collard, & others. 2007;83:265–71*

Guy TS. *see* Engelman, Shahian, & others. 2007;83:1569–76,RE

Guyton R. *see* Puskas, Lin, & others. 2007;83:1870–2,CR

Guyton RA. *see* Magee, Herbert, & others. 2007;83:1707–12,DI

Guyton RA. *see* Vassiliades, Reddy, & others. 2007;83:979–85*

Haan CK, Milford-Beland S, O'Brien S, Mark D, Dullum M, Ferguson TB, Peterson ED. Impact of residency status on perfusion times and outcomes for coronary artery bypass graft surgery. 2007;83:2103–10*

Haan CK. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Haan CK. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Haan CK. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27–86*

Haase A. *see* Egi, Bellomo, & others. 2007;83:715–23,CV

Haase M. *see* Egi, Bellomo, & others. 2007;83:715–23,CV

Habib G. *see* Remadi, Habib, & others. 2007;83:1295–302*

Hada M. *see* Sakurai, Hada, & Oyama. 2007;83:2197–9,CR

Haddad M. *see* Feller, Sorensen, & others. 2007;83:1082–8*

Hadjianastassiou V. *see* Warren, Mandal, & others. 2007;83:707–14,CV

Hadjinikolaou L. *see* van der Linden, Bergman, & Hadjinikolaou. 2007;83:2087–92*

Hafley GE. *see* Goyal, Alexander, & others. 2007;83:993–1001*

Hagan K. *see* Samuels, Holmes, & others. 2007;83:1863–4,CR

Hagan ME. *see* Drakos, Kfoury, & others. 2007;83:62–7*

Hagl C. *see* Baraki, Hagl, & others. 2007;83:S819–823*

Hagl C. *see* Kallenbach, Baraki, & others. 2007;83:S764–768*

Hagl C. *see* Kamiya, Hagl, & others. 2007;83:1055–8*

Haider HK. *see* Ye, Haider, & others. 2007;83:1233–4,CP

Håkanson E. *see* Vánky, Håkanson, & Svedjeholm. 2007;83:2036–43*

Hall RMO. *see* Drury, De Silva, & others. 2007;83:1552–3,CR

Halstead JC. *see* Ali, Halstead, & others. 2007;83:2162–8*

Hamad MS. *see* Said, de Voogt, & others. 2007;83:291–3,CR

Hamamoto M. *see* Mizukami, Hamamoto, & others. 2007;83:1205,IM

Hamdulay ZA, Kumar P, Ali M, Bhojraj SS, Jain SB, Patwardhan AM. Localized pericardial constriction resulting in a “dumbbell” heart. 2007;83:2222–4,CR

Hamm-Alvarez SF. *see* Schenke-Layland, Xie, & others. 2007;83:1641–50*

Hamman BL. *see* Peterman, Hamman, & Schussler. 2007;83:1204,IM

Hammer D. *see* Svensson, Blackstone, & others. 2007;83:1067-74*

Hammerschmidt R. *see* Knosalla, Weng, & others. 2007;83:1691-6*

Hammerschmidt R. *see* Zipfel, Hammerschmidt, & others. 2007;83:441-9,MP

Hammon JW. *see* Gandhi, Canter, & others. 2007;83:169-72,DI

Hammon JW. *see* Kincaid, Cordell, & others. 2007;83:964-8*

Hammond EH. *see* Drakos, Kfouri, & others. 2007;83:62-7*

Han JH. *see* Kang, Han, & others. 2007;83:691-3,CR

Han X-W, Ding P-X, Li Y-D. Retrieval stent filter: treatment of budd chiari syndrome complicated with inferior vena cava thrombosis initial clinical experience. 2007;83:655-60,NT

Han ZC. *see* Wu, Zhou, & others. 2007;83:1491-500*

Hanish SI. *see* Petersen, Pham, & others. 2007;83:1245-50*

Hanke T. *see* Erasmi, Sievers, & others. 2007;83:S752-756*

Hanke T. *see* Scharfschwerdt, Sievers, & others. 2007;83:954-7*

Hannan EL, Wu C, Bennett EV, Carlson RE, Culliford AT, Gold JP, Higgins RSD, Smith CR, Jones RH. Risk index for predicting in-hospital mortality for cardiac valve surgery. 2007;83:921-30*

Hannan EL. *see* Cowper, DeLong, & others. 2007;83:100-7*

Hansen L. *see* Riess, Bader, & others. 2007;83:1310-8*

Hansen PS. *see* Lukac, Hjortdal, & others. 2007;83:77-82*

Hansen PS. *see* Lukac, Hjortdal, & others. 2007;83:1717-23*

Hansen-Flaschen J. *see* Kreider, Hansen-Flaschen, & others. 2007;83:1140-5*

Hanyu M. *see* Kai, Okabayashi, & others. 2007;83:1666-71*

Haq A. *see* Jones, Athanasiou, & others. 2007;83:341-8,CV

Hara M. *see* Ota, Taketani, & others. 2007;83:1501-7*

Harker-Murray P. *see* Crow, Sullivan, & others. 2007;83:1547-9,CR

Harmala J. *see* Adabag, Rector, & others. 2007;83:1744-50*

Harmer C. *see* Pilling, Nicholson, & others. 2007;83:314-5,CR

Harmon JW. *see* Bonde, Gao, & others. 2007;83:433-40*

Harpole DH Jr. *see* Linden, Yeap, & others. 2007;83:425-32,DI

Harpole DH Jr. *see* Petersen, Pham, & others. 2007;83:1245-50*

Harrell A. *see* Ikonomidis, Hilton, & others. 2007;83:2153-61*

Harrington DK. Cerebral perfusion. 2007;83:S799-804*

Harrington RA. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Hart DW. *see* Fehrenbacher, Hart, & others. 2007;83:1041-6*

Hartmann M. *see* Aliyary, Mariani, & others. 2007;83:1879-81,CR

Hartung D. *see* Ono, Goerler, & others. 2007;83:2224-6,CR

Hasegawa S, Suda T, Negi K, Hattori Y. Lung large cell carcinoma producing granulocyte-colony-stimulating factor. 2007;83:308-10,CR

Hata H, Takano H, Matsumiya G, Fukushima N, Kawaguchi N, Sawa Y. Late complications of gelatin-resorcin-formalin glue in the repair of acute type a aortic dissection. 2007;83:1621-7*

Hattori S. *see* Dhar, Hattori, & others. 2007;83:1265-72*

Hattori Y. *see* Hasegawa, Suda, & others. 2007;83:308-10,CR

Haverich A. *see* Griepp, Haverich, & others. 2007;83:S824-831*

Haverich A. *see* Kamiya, Hagl, & others. 2007;83:1055-8*

Haverich A. *see* Palatianos, Laczkovics, & others. 2007;83:40-6*

Hayashi K. *see* Motoyama, Kitamura, & others. 2007;83:1273-8*

Hayek ER, Hughes MM, Speakman ED, Miller HJ, Stocker PJ. Cardiac paraganglioma presenting with acute myocardial infarction and stroke. 2007;83:1882-4,CR

Hazekamp M. Introduction of a new optimized total cavopulmonary connection. 2007;83:2190,IC

Hazekamp MG. *see* Henkens, van Straten, & others. 2007;83:907-11*

Hazelrigg SR. Video-assisted thoracoscopic surgery in the treatment of chest trauma: long-term benefit. 2007;83:387,IC

Hecht ML. *see* Gurbuz, Hecht, & Arslan. 2007;83:1035-40*

Heijmen RH. *see* Schepens, Kelder, & others. 2007;83:S851-855*

Heinemann MK. Long-term follow-up after pacemaker implantation in neonates and infants. 2007;83:1423-4,IC

Hemingway A. *see* Rossano, Smith, & others. 2007;83:606-12*

Henderson WG. *see* Linden, Yeap, & others. 2007;83:425-32*

Hendriks JMH. *see* Grootenboers, Schramel, & others. 2007;83:1235-6,CP

Hendry P. Medically refractory pulmonary hypertension: treatment with nonpulsatile left ventricular assist devices. 2007;83:1705-6,IC

Henkens IR, van Straten A, Schalij MJ, Hazekamp MG, de Roos A, van der Wall EE, Vliegen HW. Predicting outcome of pulmonary valve replacement in adult tetralogy of fallot patients. 2007;83:907-11*

Herbert MA. *see* Edgerton, Edgerton, & others. 2007;83:89-92*

Herbert MA. *see* Magee, Herbert, & others. 2007;83:1707-12*

Herbert MA. *see* Palmer, Herbert, & others. 2007;83:986-92*

Heron DE. *see* Pennathur, Luketich, & others. 2007;83:1820-5*

Herpertz-Dahlmann B. *see* Hövels-Gürich, Konrad, & others. 2007;83:1425-30*

Hess J. *see* Lange, Vogt, & others. 2007;83:1463-71*

Hess PJ. *see* Klodell, Morey, & others. 2007;83:68-71*

Hessel EA II. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Hetzel MR. *see* Husain, Finch, & others. 2007;83:1251-6*

Hetzer R. *see* Knosalla, Weng, & others. 2007;83:1691-6*

Hetzer R. *see* Koster, Dyke, & others. 2007;83:572-7*

Hetzer R. *see* Koster, Huebler, & others. 2007;83:72-6*

Hetzer R. *see* Koster, Weng, & others. 2007;83:1865-7,CR

Heydarkhan-Hagvall S. *see* Schenke-Layland, Xie, & others. 2007;83:1641-50*

Hickey E, Karamlou T, You X, Komanapalli C, Person T, Wehrley K, Ungerleider R. The use of a miniaturized circuit and bloodless prime to avoid cerebral no-reflow after neonatal cardiopulmonary bypass. 2007;83:895-901,AP

Hierner R. *see* Stamenkovic, Hierner, & others. 2007;83:1213-5,HW

Higgins RS. *see* Rankin, Tuttle, & others. 2007;83:1008-15,DI

Higgins RSD. *see* Hannan, Wu, & others. 2007;83:921-30*

Higgins RSD. *see* Savage, Grab, & others. 2007;83:1002-7*

Higgins RSD. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Hill SE, Grocott HP. Are cerebral emboli real when perfluoro-carbon emulsion (af0144) is used in cardiac surgery? Reply. 2007;83:1923,CP

Hill SE. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Hilton EJ. *see* Ikonomidis, Hilton, & others. 2007;83:2153-61*

Hines M. *see* Baird, Zurkowski, & others. 2007;83:912-20,DI

Hisaka T. *see* Shinkawa, Yamagishi, & others. 2007;83:188-92*

Hjortdal VE. *see* Lukac, Hjortdal, & others. 2007;83:77-82*

Hjortdal VE. *see* Lukac, Hjortdal, & others. 2007;83:1717-23*

Hjortdal VE. *see* Zebis, Christensen, & others. 2007;83:1326-31*

Hochheiser GM. *see* Mortman, Hochheiser, & others. 2007;83:1894-7,CR

Hoeks S. *see* Feringa, Shaw, & others. 2007;83:564-71*

Hoffman S. *see* Edgerton, Edgerton, & others. 2007;83:89-92*

Hoffman WD. *see* Everett, Yeh, & others. 2007;83:592-7*

Hoffmann H. *see* Schneider, Storz, & others. 2007;83:1960–4*

Hoffmeier A. *see* Etz, Welp, & others. 2007;83:1697–706*

Hofstetter WL. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Holman W. *see* Wang, Zaragoza, & Holman. 2007;83:1121–8*

Holman WL. Radial artery graft treatment with phenoxybenzamine is clinically safe and may reduce perioperative myocardial injury. 2007;83:509,IC

Holman WL, Diethelm L, Lazenby AJ, Winokur TS, Lyerly RT III, Cerfolio RJ. Surgical management of a giant thoracic angiomyolipoma. 2007;83:2201–3,CR

Holman WL. *see* Cowper, DeLong, & others. 2007;83:100–7*

Holman WL. *see* Rankin, Tuttle, & others. 2007;83:1008–15,DI

Holmes EC. *see* Samuels, Holmes, & others. 2007;83:1863–4,CR

Holper K. *see* Hörer, Schreiber, & others. 2007;83:2169–75*

Holper K. *see* Lange, Vogt, & others. 2007;83:1463–71*

Holverda S. *see* Smulders, Holverda, & others. 2007;83:1986–92*

Holzhey DM, Jacobs S, Mochalski M, Walther T, Thiele H, Mohr FW, Falk V. Seven-year follow-up after minimally invasive direct coronary artery bypass: experience with more than 1300 patients. 2007;83:108–14*

Honings J. *see* Gassert, Honings, & others. 2007;83:1952–9*

Honnakere JHV. *see* Chowdhury, Mishra, & others. 2007;83:1731–6*

Hoover EL. Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer. 2007;83:1278,IC

Horai T, Shimokawa T, Takeuchi S, Okita Y, Takanashi S. Single-stage surgical repair of type ii acute aortic dissection associated with coarctation of the aorta. 2007;83:1174–5,CR

Horai T. *see* Satoh, Hoshi, & others. 2007;83:197–203*

Hörer J, Eicken A. My view and my experience on extracardiac rv-pa conduit. Reply. 2007;83:726–7,CP

Hörer J, Schreiber C. Long-term functional assessment after correction of tetralogy of fallot in adulthood. 2007;83:1795–6,IC

Hörer J, Schreiber C, Dworak E, Cleuziou J, Prodan Z, Vogt M, Holper K, Lange R. Long-term results after the rastelli repair for transposition of the great arteries. 2007;83:2169–75*

Hörer J. *see* Lange, Vogt, & others. 2007;83:1463–71*

Hornberger LK. *see* Anagnostopoulos, Alphonso, & others. 2007;83:1458–62*

Horne BD. *see* Drakos, Kfoury, & others. 2007;83:62–7*

Hornykewycz S. *see* Odegard, Zurakowski, & others. 2007;83:1797–804*

Hoshi R. *see* Satoh, Hoshi, & others. 2007;83:197–203*

Hosoda Y. *see* Fukui, Takanashi, & others. 2007;83:115–9*

Hövels-Gürich HH, Konrad K, Skorzenski D, Herpertz-Dahlmann B, Messmer BJ, Seghaye M-C. Attentional dysfunction in children after corrective cardiac surgery in infancy. 2007;83:1425–30*

HRaska V. *see* Vida, Berggren, & others. 2007;83:161–8*

Hsieh S-R. *see* Chen & Hsieh. 2007;83:e6–8,HW

Hsu H-S. *see* Hsu, Huang, & others. 2007;83:419–24*

Hsu J-S. *see* Chuang, Jaw, & others. 2007;83:e2,IM

Hsu W-H, Huang C-S, Hsu H-S, Huang W-J, Lee H-C, Huang B-S. Preoperative serum carcinoembryonic antigen level is a prognostic factor in women with early non small-cell lung cancer. 2007;83:419–24*

Huang B-S. *see* Hsu, Huang, & others. 2007;83:419–24*

Huang C-S. *see* Hsu, Huang, & others. 2007;83:419–24*

Huang M-T. *see* Lien, Huang, & Lin. 2007;83:1837–43*

Huang W-J. *see* Hsu, Huang, & others. 2007;83:419–24*

Huddleston C. *see* Kaiser, Melby, & others. 2007;83:30–5*

Huddleston CB. *see* Gandhi, Canter, & others. 2007;83:169–72*

Huddleston E. *see* Fehrenbacher, Hart, & others. 2007;83:1041–6*

Hueb W, Gersh BJ, Costa F, Lopes N, Soares PR, Dutra P, Jatene F, Pereira AC, Góis AFT, Oliveira SA, Ramires JAF. Impact of diabetes on five-year outcomes of patients with multivessel coronary artery disease. 2007;83:93–9*

Huebler S. *see* Koster, Huebler, & others. 2007;83:72–6*

Hughes MM. *see* Hayek, Hughes, & others. 2007;83:1882–4,CR

Hur K. *see* Shuhacker, Kim, & others. 2007;83:2135–41*

Husain SA, Finch D, Ahmed M, Morgan A, Hetzel MR. Long-term follow-up of ultraflex metallic stents in benign and malignant central airway obstruction. 2007;83:1251–6*

Huston J III. *see* Cook, Huston, & others. 2007;83:1389–95*

Hutschala D. *see* Czerny, Grimm, & others. 2007;83:450–5*

Huybrechts RAJM, Morariu AM, Rakhorst G, Spiegelberg SR, Romijn HWA, de Vroege R, van Oeveren W. Attenuated renal and intestinal injury after use of a mini-cardiopulmonary bypass system. 2007;83:1760–7*

Huynh AT. *see* Matsushita, Huynh, & others. 2007;83:2220–2,CR

Hynes M. *see* Mesana, Ibrahim, & others. 2007;83:322–3,HW

Hynes M. *see* Rubens, Bourke, & others. 2007;83:1075–81*

I H, Shim YM. Another option for severe caustic oropharyngeal stricture? Reply. 2007;83:1579,CP

Iasenzaniro M. *see* Bianchini, Melina, & others. 2007;83:2213–4,CR

Ibrahim M. *see* Mesana, Ibrahim, & others. 2007;83:322–3,HW

Iida H, Sudo Y, Ukita H. Bacteremia causes mycotic aneurysm of the aortic arch in 110 days. 2007;83:1874–6,CR

Ikeda K, Nomori H, Mori T, Kobayashi H, Iwatani K, Yoshimoto K, Yoshioka M. Successful steroid treatment for fibrosing mediastinitis and sclerosing cervicitis. 2007;83:1199–201,CR

Ikeda T. *see* Nemoto, Umehara, & others. 2007;83:e11–3,CR

Ikonomidis JS, Hilton EJ, Payne K, Harrell A, Finklea L, Clark L, Reeves S, Stroud RE, Leonardi A, Crawford FA Jr, Spinale FG. Selective endothelin-a receptor inhibition after cardiac surgery: a safety and feasibility study. 2007;83:2153–61*

Ikonomidis JS. *see* Estrera, Miller, & others. 2007;83:1603–9,DI

Ikuno T. *see* Esaki, Koshiji, & others. 2007;83:1024–9*

Ilyin VN. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Incorvaia AN, Poulos DM, Jones RN, Tscherhart JM. Can a falling bullet be lethal at terminal velocity? cardiac injury caused by a celebratory bullet. 2007;83:283–4,CR

Indelen C. *see* Ogus, Indelen, & Yildirim. 2007;83:676–8,CR

Ingels NB Jr. *see* Nguyen, Cheng, & others. 2007;83:47–54*

Ingemansson R. *see* Steen, Ingemansson, & others. 2007;83:2191–5,NT

Inglese L. *see* Antona, Vanelli, & others. 2007;83:1158–61,NT

Inoue K. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Irani A. *see* Estrera, Miller, & others. 2007;83:1603–9*

Ireland J. *see* Pennathur, Luketich, & others. 2007;83:1820–5*

Ishii Y, Kronengold RT, Virmani R, Rivera EA, Goldman SM, Prechtel EJ, Schuessler RB. Novel bioengineered small caliber vascular graft with excellent one-month patency. 2007;83:517–25*

Ishikawa Y. *see* Satoh, Hoshi, & others. 2007;83:197–203*

Ishikura H, Kimura S. Use of flexible silastic drains in thoracic surgery: a word of caution. Reply. 2007;83:2259,CP

Isselbacher EM. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Itagaki T, Kikura M, Sato S. Incidence and risk factors of postoperative vocal cord paralysis in 987 patients after cardiovascular surgery. 2007;83:2147–52*

Itoh A. *see* Nguyen, Cheng, & others. 2007;83:47–54*

Itonaga T. *see* Nemoto, Umebara, & others. 2007;83:e11–3,CR

Iwai S. *see* Ota, Taketani, & others. 2007;83:1501–7*

Iwata T. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Iwatani K. *see* Ikeda, Nomori, & others. 2007;83:1199–201,CR

Iwazaki M. *see* Masuoka, Katogi, & others. 2007;83:1181–3,CR

Izumi H. *see* Sakao, Miyamoto, & others. 2007;83:209–15*

Izumi N. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Jackson M. *see* Wang, Liu, & others. 2007;83:1751–9*

Jacobs M. *see* Engelman, Shahian, & others. 2007;83:1569–76,RE

Jacobs ML. *see* Fiore, Turrentine, & others. 2007;83:622–30,DI

Jacobs S. *see* Holzhey, Jacobs, & others. 2007;83:108–14*

Jagannath BR. *see* Theodore, Vaidyanathan, & others. 2007;83:1876–8,CR

Jaggers J. *see* Baig, Nassar, & others. 2007;83:1477–83*

Jain SB. *see* Hamdulay, Kumar, & others. 2007;83:2222–4,CR

Jain SH. *see* Paul, Jain, & others. 2007;83:e14–5,RV

Jaklitsch MT. *see* Linden, Bueno, & others. 2007;83:1129–33*

Jaklitsch MT. *see* Linden, Yeap, & others. 2007;83:425–32*

Jamieson WRE, Moffatt-Bruce SD, Skarsgard P, Abdel Hadi M, Ye J, Fradet GJ, Abel JG, Janusz MT. Early antithrombotic therapy for aortic valve bioprostheses: is there an indication for routine use? 2007;83:549–57*

Janusz MT. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57*

Janzer S. *see* Samuels, Holmes, & others. 2007;83:1863–4,CR

Jatene F. *see* Hueb, Gersh, & others. 2007;83:93–9*

Jatene FB. *see* Andrade Neto, Terra, & others. 2007;83:2196–7,CR

Jaw T-S. *see* Chuang, Jaw, & others. 2007;83:e2,IM

Jeanmart H, de Kerchove L, Glineur D, Goffinet J-M, Rougui I, Van Dyck M, Noirthomme P. Aortic valve repair: the functional approach to leaflet prolapse and valve-sparing surgery. 2007;83:S746–751*

Jeevanandam V. Orthotopic heart transplantation in patients with marfan syndrome. 2007;83:1696,IC

Jenkins KJ. *see* Larrazabal, del Nido, & others. 2007;83:179–84*

Jenkins KJ. *see* Ma, Gauvreau, & others. 2007;83:1438–45*

Jensen HK. *see* Lukac, Hjortdal, & others. 2007;83:77–82*

Jensen HK. *see* Lukac, Hjortdal, & others. 2007;83:1717–23*

Jessen M. Attenuated renal and intestinal injury after use of a mini-cardiopulmonary bypass system. 2007;83:1766–7,IC

Jessen ME. Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model. 2007;83:160,IC

Jiang G. *see* Zhang, Wu, & others. 2007;83:2176–81*

Jiang HX. *see* Baig, Nassar, & others. 2007;83:1477–83*

Jiang X. *see* Shi, Kazui, & others. 2007;83:1484–90*

Jin R. *see* Grunkemeier, Jin, & others. 2007;83:1586–92*

Jin R. *see* Grunkemeier & Jin. 2007;83:1934–9*

Jin Z-X, Zhou J-J, Xin M, Peng D-R, Wang X-M, Bi S-H, Wei X-F, Yi D-H. Postconditioning the human heart with adenosine in heart valve replacement surgery. 2007;83:2066–73*

Johansson B. *see* Wierup, Lidén, & others. 2007;83:1713–6*

John K. *see* Warren, Mandal, & others. 2007;83:707–14,CV

Johnson LB. *see* Kamalakannan, Pai, & others. 2007;83:2081–6*

Johnstone DW. *see* Bonde, Gao, & others. 2007;83:433–40,DI

Jonas RA. *see* McMullan, Moulik, & Jonas. 2007;83:1177–9,CR

Jones CM, Athanasiou T, Dunne N, Kirby J, Aziz O, Haq A, Rao C, Constantinides V, Purkayastha S, Darzi A. Multi-detector computed tomography in coronary artery bypass graft assessment: a meta-analysis. 2007;83:341–8,CV

Jones KW. *see* Drakos, Kfoury, & others. 2007;83:62–7*

Jones MT. *see* Ali, Devbhadrani, & others. 2007;83:302–4,CR

Jones RH. *see* Cowper, DeLong, & others. 2007;83:100–7*

Jones RH. *see* Hannan, Wu, & others. 2007;83:921–30*

Jones RN. *see* Incorvaia, Poulos, & others. 2007;83:283–4,CR

Jordan S, Polkey M, Goldstraw P. Predicted versus observed fev₁ and dlco after major lung resection: a prospective evaluation at different postoperative periods. 2007;83:1139,IC

Josa M. *see* Bernabeu, Josa, & others. 2007;83:1537–8,CR

Joshi P. *see* Passage, Joshi, & Mullany. 2007;83:1096–101*

Jung S-H. *see* Yun, Cho, & others. 2007;83:1886–8,CR

Jurmann M. *see* Koster, Huebler, & others. 2007;83:72–6*

Jutras LF. *see* Chu, Sharma, & others. 2007;83:1179–81,CR

Juvonen T, Lehenkari P. Therapeutic benefit of intrathecal injection of marrow stromal cells on ischemia-injured spinal cord. 2007;83:1490,IC

Kabil E. *see* Bergsland, Kabil, & others. 2007;83:462–7*

Kaczmarek I. *see* Sodian, Weber, & others. 2007;83:1854–7,NT

Kadem L, Garcia D. Are we using the right fluid mechanics principles? 2007;83:354,CP

Kai M, Okabayashi H, Hanyu M, Soga Y, Nomoto T, Nakano J, Matsuo T, Umebara E, Kawato M. Long-term results of bilateral internal thoracic artery grafting in dialysis patients. 2007;83:1666–71*

Kaiser LR. *see* Friscia, Zhu, & others. 2007;83:252–7*

Kaiser LR. *see* Kreider, Hansen-Flaschen, & others. 2007;83:1140–5*

Kaiser SP, Melby SJ, Zierer A, Schuessler RB, Moon MR, Moazami N, Pasque MK, Huddleston C, Damiano RJ Jr, Lawton JS. Long-term outcomes in valve replacement surgery for infective endocarditis. 2007;83:30–5*

Kaiser SP. *see* Melby, Zierer, & others. 2007;83:1651–7*

Kaji M, Nomori H, Watanabe K, Ohtsuka T, Naruke T, Suemasu K, Uno K. ¹¹C-acetate and ¹⁸F-fluorodeoxyglucose positron emission tomography of pulmonary adenocarcinoma. 2007;83:312–4,CR

Kakegawa S. *see* Kamiyoshihara, Kakegawa, & Morishita. 2007;83:1913–4,HW

Kakuchaya TT. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Kalakonas S. *see* Panos, Kalakonas, & others. 2007;83:1535–6,CR

Kalangos A. *see* Tissot, Aggoun, & others. 2007;83:727,CP

Kale SB, Kole SD. The mitral hooks: visualization of mitral valve made easy. 2007;83:324–5,HW

Kallenbach K, Baraki H, Khaladj N, Kamiya H, Hagl C. Aortic valve sparing operation in marfan syndrome: what do we know after a decade? 2007;83:S764–768*

Kallenbach K. *see* Baraki, Hagl, & others. 2007;83:S819–823*

Kallenbach K. *see* Kamiya, Hagl, & others. 2007;83:1055–8*

Kamalakannan D, Pai RM, Johnson LB, Gardin JM, Saravolatz LD. Epidemiology and clinical outcomes of infective endocarditis in hemodialysis patients. 2007;83:2081–6*

Kameyama K. *see* Nakagawa, Okumura, & others. 2007;83:204–8*

Kameyama M. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Kameyama T. *see* Yamazaki, Yoshino, & others. 2007;83:315–7,CR

Kamiya H, Hagl C, Kropivnitskaya I, Weidemann J, Kallenbach K, Khaladj N, Haverich A, Karck M. Quick proximal arch replacement with moderate hypothermic circulatory arrest. 2007;83:1055–8*

Kamiya H. *see* Kallenbach, Baraki, & others. 2007;83:S764–768*

Kamiyoshihara M, Kakegawa S, Morishita Y. Convenient and improved method to distinguish the intersegmental plane in pulmonary segmentectomy using a butterfly needle. 2007;83:1913–4,HW

Kan C-D, Yang Y-J. Coronary reimplantation during jatene procedure. Reply. 2007;83:357–8,CP

Kanakis M. *see* Mitropoulos, Kanakis, & others. 2007;83:672–4,CR

Kandil E. *see* Burack, Kandil, & others. 2007;83:377–82*

Kang M-W, Han JH, Yu JH, Kim YH, Na MH, Yu JH, Lim SP, Lee Y, Kim J-H. Multiple central endobronchial chondroid hamartoma. 2007;83:691–3,CR

Kansler AL. *see* Port, Korst, & others. 2007;83:397–401*

Kanter K. *see* Soerensen, Pekkan, & others. 2007;83:2182–90*

Kanter KR. Spontaneous closure of small residual ventricular septal defects after surgical repair. 2007;83:906,IC

Kanter KR. *see* Fiore, Turrentine, & others. 2007;83:622–30,DI

Kanter KR. *see* Smith, Mayer, & others. 2007;83:12–20,RE

Kapetanakis EI. *see* Zhang, Kapetanakis, & others. 2007;83:298–300,CR

Kaple RK. *see* Davies, Kaple, & others. 2007;83:1338–44*

Karafa MT. *see* Stoller, Gildea, & others. 2007;83:241–51*

Karaiskos T. *see* Tomos, Karaiskos, & others. 2007;83:703–4,HW

Karamlou T. Ductal origin of the distal pulmonary artery in truncus arteriosus. Reply. 2007;83:2262–3,CP

Karamlou T. *see* Hickey, Karamlou, & others. 2007;83:895–901,AP

Karamlou T. *see* Magee, Herbert, & others. 2007;83:1707–12,DI

Karaoglanoglu N, Turyilmaz A, Eroglu A. Use of pedicled omentum and endostaplers in esophagogastric anastomosis. 2007;83:2259–60,CP

Karck M. *see* Kamiya, Hagl, & others. 2007;83:1055–8*

Karck M. *see* Miller, Cameron, & others. 2007;83:S785–790*

Karl TR. *see* Alphonso, Anagnostopoulos, & others. 2007;83:1472–6*

Karl TR. *see* Anagnostopoulos, Alphonso, & others. 2007;83:1458–62*

Karunakaran J. *see* Sadiq, Shyamkrishnan, & others. 2007;83:1790–6*

Kaski JC. *see* Motallebzadeh, Bland, & others. 2007;83:475–82*

Kass RM. *see* Goland, Czer, & others. 2007;83:931–7*

Kassem S. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Kataoka T. *see* Nakajima, Kawazoe, & others. 2007;83:1615–20*

Kato H. *see* Dhar, Hattori, & others. 2007;83:1265–72*

Kato K. *see* Nakajima, Tsuchiya, & others. 2007;83:2216–9,CR

Katogi T. *see* Masuoka, Katogi, & others. 2007;83:1181–3,CR

Katsumata M. *see* Okada, Okimoto, & others. 2007;83:293–4,CR

Katz M. *see* Palmer, Herbert, & others. 2007;83:986–92*

Kaushik N, Khalid A, Brody D, Luketich J, McGrath K. Endoscopic ultrasound compared with laparoscopy for staging esophageal cancer. 2007;83:2000–2*

Kavunkal AM, Pandian MS, Philip MA, Parimelazagan KN, Manipadam MT, Cherian VK. Large clear cell tumor of the lung mimicking malignant behavior. 2007;83:310–2,CR

Kawaguchi N. *see* Hata, Takano, & others. 2007;83:1621–7*

Kawaharada N. *see* Kuwaki, Kawaharada, & others. 2007;83:558–63*

Kawai N. *see* Gojo, Kyo, & others. 2007;83:661–2,CR

Kawamura A. *see* Mizutani, Matsuura, & others. 2007;83:1368–73*

Kawanishi Y, Munakata H, Matsumori M, Tanaka H, Yamashita T, Nakagiri K. Usefulness of transcranial motor evoked potentials during thoracoabdominal aortic surgery. 2007;83:456–61*

Kawano D. *see* Yamazaki, Yoshino, & others. 2007;83:315–7,CR

Kawara T. *see* Takaseya, Kawara, & others. 2007;83:2050–3*

Kawato M. *see* Kai, Okabayashi, & others. 2007;83:1666–71*

Kawazoe K. *see* Nakajima, Kawazoe, & others. 2007;83:1615–20*

Kaya T. *see* Sivrikoz, Kaya, & others. 2007;83:2199–201,CR

Kazui T, Yamashita K, Washiyama N, Terada H, Bashar AHM, Suzuki K. Aortic arch replacement using selective cerebral perfusion. 2007;83:S796–798*

Kazui T. *see* Griep, Haverich, & others. 2007;83:S824–831*

Kazui T. *see* Miller, Cameron, & others. 2007;83:S785–790,DI

Kazui T. *see* Nakajima, Kawazoe, & others. 2007;83:1615–20*

Kazui T. *see* Shi, Kazui, & others. 2007;83:1484–90*

Keeling WB, Lewis V, Blazick E, Maxey TS, Garrett JR, Sommers KE. Routine evaluation for aspiration after thoracotomy for pulmonary resection. 2007;83:193–6*

Kehlibar T. *see* Tarhan, Kehlibar, & others. 2007;83:1867–9,CR

Keith JR. Why serial assessments of cardiac surgery patients' neurobehavioral performances are misleading. 2007;83:370–3,ED

Kejriwal N. *see* Saxena, Kejriwal, & Newman. 2007;83:2258–9,CP

Kelder JC. *see* Schepens, Kelder, & others. 2007;83:S851–855*

Kelly RF. *see* Adabag, Rector, & others. 2007;83:1744–50*

Kemper M. *see* Reiss, Schuett, & others. 2007;83:2246–7,HW

Kern JA. *see* Fedoruk, Tribble, & others. 2007;83:2029–35*

Kern JA. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Kern JA. *see* Patel, Shillingford, & others. 2007;83:1628–34,DI

Kern JA. *see* Vassiliades, Reddy, & others. 2007;83:979–85,DI

Keshavjee S. *see* Bédard, Uy, & Keshavjee. 2007;83:1185–8,CR

Kesler KA, Einhorn LH. Mediastinal germ cell tumors. 2007;83:1915,KR

Keune JD. *see* Melby, Zierer, & others. 2007;83:1651–7*

Key NS. *see* Crow, Sullivan, & others. 2007;83:1547–9,CR

Kfouri AG. *see* Drakos, Kfouri, & others. 2007;83:62–7*

Khaghani A. *see* George, Birks, & others. 2007;83:306–8,CR

Khaladj N. *see* Baraki, Hagl, & others. 2007;83:S819–823*

Khaladj N. *see* Kallenbach, Baraki, & others. 2007;83:S764–768*

Khaladj N. *see* Kamiya, Hagl, & others. 2007;83:1055–8*

Khalid A. *see* Kaushik, Khalid, & others. 2007;83:2000–2*

Khan AA, Tambiah J, Cane P, Lang-Lazdunski L. Prolonged survival in a patient with recurrent pulmonary metastases secondary to mucinous cystadenocarcinoma of the appendix with pseudomyxomatous peritonei. 2007;83:1893–4,CR

Khan MZ. *see* Etz, Di Luozzo, & others. 2007;83:S870–876*

Khatchaturov G. *see* Panos, Kalakonas, & others. 2007;83:1535–6,CR

Khiriev TK. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Khoynezhad A, Donayre CE, Bui H, Kopchok GE. Risk factors of neurologic deficit after thoracic aortic endografting. 2007;83:S882–889*

Khoynezhad A. *see* Coselli, Elefteriades, & others. 2007;83:S846–850,DI

Khoynezhad A. *see* Spielvogel, Coselli, & others. 2007;83:S890–892*

Khuri S. *see* Linden, Yeap, & others. 2007;83:425–32*

Kikura M. *see* Itagaki, Kikura, & Sato. 2007;83:2147–52*

Kim C, Li G, Zhang Y, Weisel RD. Effects of cell-based angiogenic gene therapy at 6 months: persistent angiogenesis and absence of oncogenicity. 2007;83:640–7*

Kim C. *see* Yau, Kim, & others. 2007;83:1110–20*

Kim JB. *see* Shubaiber, Kim, & others. 2007;83:2135–41*

Kim J-H. *see* Kang, Han, & others. 2007;83:691–3,CR

Kim Y. *see* Seo, Shin, & others. 2007;83:2248–50,HW

Kim YH. *see* Kang, Han, & others. 2007;83:691–3,CR

Kim Y-H. *see* Yun, Cho, & others. 2007;83:1886–8,CR

Kimura K. *see* Oyamada, Kobayashi, & others. 2007;83:1532–4,CR

Kimura S. *see* Ishikura & Kimura. 2007;83:2259,CP

Kin H. *see* Nakajima, Kawazoe, & others. 2007;83:1615–20*

Kincaid EH, Cordell AR, Hammon JW, Adair SM, Kon ND. Coronary insufficiency after stentless aortic root replacement: risk factors and solutions. 2007;83:964–8*

Kiokawa K, Goh K, Akasaka N, Azuma N. Total arch replacement for a distal aortic arch aneurysm with right aortic arch. 2007;83:e3–5,HW

Kiraly L. *see* Vida, Berggren, & others. 2007;83:161–8*

Kirby J. *see* Jones, Athanasiou, & others. 2007;83:341-8,CV

Kirkpatrick SK. *see* Bichell, Mora, & others. 2007;83:678-80,CR

Kitamura M. *see* Motoyama, Kitamura, & others. 2007;83:1273-8*

Kitamura S. *see* Oyamada, Kobayashi, & others. 2007;83:1532-4,CR

Kitamura S. *see* Saito, Nakatani, & others. 2007;83:140-5*

Kleijnen B. *see* Riess, Bader, & others. 2007;83:1310-8*

Klodell CT Jr, Morey TE, Lobato EB, Aranda JM Jr, Staples ED, Schofield RS, Hess PJ, Martin TD, Beaver TM. Effect of sildenafil on pulmonary artery pressure, systemic pressure, and nitric oxide utilization in patients with left ventricular assist devices. 2007;83:68-71*

Knaut M. *see* Fritzsche, Eitz, & others. 2007;83:542-8*

Knez I, Rigler B. Significance of neurologic complications in the modern era of cardiac transplantation. 2007;83:1690,IC

Knirsch W. *see* Dodge-Khatami, Knirsch, & others. 2007;83:902-6*

Knosalla C, Weng Y-g, Hammerschmidt R, Pasic M, Schmitt-Knosalla I, Grauhan O, Dandel M, Lehmkuhl HB, Hetzer R. Orthotopic heart transplantation in patients with marfan syndrome. 2007;83:1691-6*

Knowles A. *see* Zacharias, Lerman, & Knowles. 2007;83:2260,CP

Knowlton L. *see* Warren, Mandal, & others. 2007;83:707-14,CV

Ko J. *see* Seo, Shin, & others. 2007;83:2248-50,HW

Kobayashi H. *see* Ikeda, Nomori, & others. 2007;83:1199-201,CR

Kobayashi J. *see* Oyamada, Kobayashi, & others. 2007;83:1532-4,CR

Kobayashi J. *see* Saito, Nakatani, & others. 2007;83:140-5*

Kobayashi KJ, Williams JA, Nwakanma L, Gott VL, Baumgartner WA, Conte JV. Aortic valve replacement and concomitant coronary artery bypass: assessing the impact of multiple grafts. 2007;83:969-78*

Koch C. *see* Gabbieri, Dohmen, & others. 2007;83:1166-8,CR

Koch CG, Blackstone EH. Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? Reply. 2007;83:2260-1,CP

Kochetkova EA. *see* Massard, Kochetkova, & Wihlm. 2007;83:2258,CP

Kocovic D. *see* Samuels, Holmes, & others. 2007;83:1863-4,CR

Koerfer R. *see* Koertke, Zittermann, & others. 2007;83:24-9*

Koerfer R. *see* Reiss, Schuett, & others. 2007;83:2246-7,HW

Koertke H, Zittermann A, Wagner O, Koerfer R. Self-management of oral anticoagulation therapy improves long-term survival in patients with mechanical heart valve replacement. 2007;83:24-9*

Kogan A. *see* Berman, Saute, & others. 2007;83:295-8,CR

Kohno M. *see* Takaseya, Kawara, & others. 2007;83:2050-3*

Kohno T. *see* Mun & Kohno. 2007;83:1146-51*

Kohut RM Jr. *see* Mehall, Kohut, & others. 2007;83:538-41*

Kohut RM Jr. *see* Mehall, Kohut, & others. 2007;83:2118-21*

Kokado Y. *see* Nakagawa, Okumura, & others. 2007;83:204-8*

Kole SD. *see* Kale & Kole. 2007;83:324-5,HW

Kolff JW. *see* Friscia, Zhu, & others. 2007;83:252-7*

Kollar A. Valve-sparing reconstruction within the native aortic root: integrating the yacoub and the david methods. 2007;83:2241-143,HW

Komanapalli C. *see* Hickey, Karamlou, & others. 2007;83:895-901,AP

Komanapalli CB. *see* Slater, Komanapalli, & others. 2007;83:2074-80*

Komeda M. *see* Morishima, Marui, & others. 2007;83:287-8,CR

Komeda M. *see* Nemoto, Umehara, & others. 2007;83:e11-3,CR

Komiyama N. *see* Gojo, Kyo, & others. 2007;83:661-2,CR

Kon ND. *see* Kincaid, Cordell, & others. 2007;83:964-8*

Kondo N. *see* Wakayama, Fukuda, & others. 2007;83:153-60*

Konertz W. *see* Dohmen, Gabbieri, & others. 2007;83:1168-9,CR

Konertz W. *see* Dohmen & Konertz. 2007;83:1921,CP

Konertz W. *see* Gabbieri, Dohmen, & others. 2007;83:1166-8,CR

Konrad K. *see* Hövels-Gürich, Konrad, & others. 2007;83:1425-30*

Koolen S. *see* Botman, Schonberger, & others. 2007;83:2093-7*

Kopchok GE. *see* Khoynezhad, Donayre, & others. 2007;83:S882-889*

Kormos RF. *see* Klodell, Morey, & others. 2007;83:68-71,DI

Korst RJ. *see* Port, Korst, & others. 2007;83:397-401*

Kortas C. *see* Azmoun, Ramadan, & others. 2007;83:2098-102*

Korula RJ. *see* Stephen, Kuruvila, & others. 2007;83:1175-7,CR

Koshiji T. *see* Esaki, Koshiji, & others. 2007;83:1024-9*

Koso H. *see* Yamazaki, Yoshino, & others. 2007;83:315-7,CR

Koster A, Dyke CM, Aldea G, Smedira NG, McCarthy HL II, Aronson S, Hetzer R, Avery E. Bivalirudin during cardiopulmonary bypass in patients with previous or acute heparin-induced thrombocytopenia and heparin antibodies: results of the choose-on trial. 2007;83:572-7*

Koster A, Huebler S, Potapov E, Meyer O, Jurmann M, Weng Y, Pasic M, Drews T, Kuppe H, Loebe M, Hetzer R. Impact of heparin-induced thrombocytopenia on outcome in patients with ventricular assist device support: single-institution experience in 358 consecutive patients. 2007;83:72-6*

Koster A, Weng Y, Böttcher W, Gromann T, Kuppe H, Hetzer R. Successful use of bivalirudin as anticoagulant for ECMO in a patient with acute HIT. 2007;83:1865-7,CR

Kostolny M. *see* Ashrafiyan, Tsang, & Kostolny. 2007;83:2226-8,CR

Kotoh K, Fukahara K, Doi T, Nagura S, Misaki T. Predictors of early postoperative cerebral infarction after isolated off-pump coronary artery bypass grafting. 2007;83:1679-83*

Kotoulas C, Patris K, Tsintiris K, Zoumboulides A, Lazarides K, Laoutides G. Platypnea-orthodeoxia syndrome after pneumonectomy relieved by mediastinal repositioning. 2007;83:1524-6,CR

Kotrec M. *see* Rubens, Bourke, & others. 2007;83:1075-81*

Kotsimbos T. *see* Oto, Levvey, & others. 2007;83:257-64*

Kouchoukos NT, Masetti P. Primary sarcoma of the thoracic aorta. 2007;83:e1,IM

Kouchoukos NT, Mauney MC. Optimization of aortic arch replacement with a one-stage approach. 2007;83:S811-814*

Kouchoukos NT. *see* Goyal, Alexander, & others. 2007;83:993-1001*

Kouchoukos NT. *see* Griep, Haverich, & others. 2007;83:S824-831*

Kouchoukos NT. *see* Miller, Cameron, & others. 2007;83:S785-790,DI

Kouchoukos NT. *see* Zierer, Moon, & others. 2007;83:2122-9*

Koyanagi T. *see* Kuwaki, Kawahara, & others. 2007;83:558-63*

Krabatsch T. *see* Zipfel, Hammerschmidt, & others. 2007;83:441-9,MP

Krasna MJ. *see* DiMusto & Orringer. 2007;83:1993-9,DI

Krasopoulos G. *see* Goldstraw & Krasopoulos. 2007;83:1849,IC

Kratz J. Use of the STS database by insurance companies. 2007;83:1918,CP

Kratzke RA. *see* Whitson, Andrade, & others. 2007;83:1965-70*

Krause JE. *see* Rinder, Smith, & others. 2007;83:146-52*

Kreider ME, Hansen-Flaschen J, Ahmad NN, Rossman MD, Kaiser LR, Kucharczuk JC, Shrager JB. Complications of video-assisted thoracoscopic lung biopsy in patients with interstitial lung disease. 2007;83:1140-5*

Kress DC, Aronson S, McDonald ML, Malik MI, Divgi AB, Tector AJ, Downey FX III, Anderson AJ, Stone M, Clancy C.

Positive heparin-platelet factor 4 antibody complex and cardiac surgical outcomes. 2007;83:1737-43*

Krieg P, Lapp H, Pethig K, Gummert JF, Bossert T. Removal of a left atrial thrombus adherent to a patent foramen ovale occluder. 2007;83:1539-41,CR

Krishnamoorthy J. *see* Theodore, Vaidyanathan, & others. 2007;83:1876-8,CR

Krishnan GS. *see* Agarwal, Krishnan, & others. 2007;83:1549-52,CR

Kron I. *see* Palmer, Herbert, & others. 2007;83:986-92,DI

Kron IL. *see* Fedoruk, Tribble, & others. 2007;83:2029-35*

Kron IL. *see* Gazoni, Fedoruk, & others. 2007;83:1658-65*

Kronengold RT. *see* Ishii, Kronengold, & others. 2007;83:517-25*

Kropivnitskaya I. *see* Kamiya, Hagl, & others. 2007;83:1055-8*

Krukenkamp I. Postconditioning the human heart with adenosine in heart valve replacement surgery. 2007;83:2073,IC

Kucharczuk JC. *see* Kreider, Hansen-Flaschen, & others. 2007;83:1140-5*

Kuebler JF. *see* Metzelder, Kuebler, & others. 2007;83:1844-9*

Kulik A, Rubens FD, Gunning D, Bourke ME, Mesana TG. Radial artery graft treatment with phenoxybenzamine is clinically safe and may reduce perioperative myocardial injury. 2007;83:502-9*

Kulik A. *see* Mesana, Ibrahim, & others. 2007;83:322-3,HW

Kulikowska A. *see* Gandhi, Canter, & others. 2007;83:169-72*

Kulkarni S. *see* Agarwal, Krishnan, & others. 2007;83:1549-52,CR

Kulkarni S. *see* Nayar, Parmar, & others. 2007;83:1884-6,CR

Kumar P. *see* Hamdulay, Kumar, & others. 2007;83:2222-4,CR

Kunihara T. *see* Shingu, Shiiya, & others. 2007;83:1356-61*

Kuppe H. *see* Koster, Huebler, & others. 2007;83:72-6*

Kuppe H. *see* Koster, Weng, & others. 2007;83:1865-7,CR

Kurlansky P. Aortic valve replacement and concomitant coronary artery bypass: assessing the impact of multiple grafts. 2007;83:978,IC

Kuruvila KT. *see* Stephen, Kuruvila, & others. 2007;83:1175-7,CR

Kutay V. *see* Guler, Ozkara, & others. 2007;83:532-7*

Kuwaki K, Kawahara N, Morishita K, Koyanagi T, Osawa H, Maeda T. Mitral valve repair versus replacement in simultaneous mitral and aortic valve surgery for rheumatic disease. 2007;83:558-63*

Kwak Y-L. *see* Youn, Kwak, & Yoo. 2007;83:2111-7*

Kyo S. *see* Gojo, Kyo, & others. 2007;83:661-2,CR

Kyo S. *see* Masuoka, Katogi, & others. 2007;83:1181-3,CR

La Francesca S, Gregoric ID, Cohn WE, Frazier OH. Successful resection of a primary left ventricular schwannoma. 2007;83:1881-2,CR

La Francesca S. *see* Cohn, Gregoric, & others. 2007;83:1556-7,HW

La Meir M, De Roy L, Blommaert D, Buche M. Treatment of lone atrial fibrillation with a right thoracoscopic approach. 2007;83:2244-5,HW

Laborde F. *see* Bachet, Pirotte, & others. 2007;83:1610-4*

Laborde J-C. *see* Lamarche, Cartier, & others. 2007;83:284-7,CR

Lachapelle K. *see* Bernier, Grenon, & others. 2007;83:1544-5,CR

Lachmann N. *see* Battellini, Rastan, & others. 2007;83:1206-9,HW

Lacour-Gayet F. *see* Roussin, Belli, & others. 2007;83:173-8,DI

Lacour-Gayet F. *see* Vida, Berggren, & others. 2007;83:161-8*

Lacro R. *see* Larrazabal, del Nido, & others. 2007;83:179-84*

Laczkovics A. *see* Fritzche, Eitz, & others. 2007;83:542-8*

Laczkovics AM. *see* Palatianos, Laczkovics, & others. 2007;83:40-6*

Lahanas E. *see* Tomos, Karaiskos, & others. 2007;83:703-4,HW

Lai C-H, Wu J-M, Yang Y-J. Ebstein's anomaly of the tricuspid valve in combination of tetralogy of fallot: total correction in infancy. 2007;83:304-6,CR

Lai L, Laussen PC, Cua CL, Wessel DL, Costello JM, del Nido PJ, Mayer JE, Thiagarajan RR. Outcomes after bidirectional glenn operation: blalock-taussig shunt versus right ventricle to pulmonary artery conduit. 2007;83:1768-73*

Lakshminarayanan B. *see* Townshend, Lakshminarayanan, & others. 2007;83:1523-4,CR

Laliberte E. *see* Chu, Sharma, & others. 2007;83:1179-81,CR

Lamarche Y, Cartier R, Denault AY, Basmadjian A, Berry C, Laborde J-C, Bonan R. Implantation of the corevalve percutaneous aortic valve. 2007;83:284-7,CR

Lammer J. *see* Czerny, Grimm, & others. 2007;83:450-5*

Lammer J. *see* Czerny, Zimpfer, & others. 2007;83:1635-40*

Lammer J. *see* Schoder, Czerny, & others. 2007;83:1059-66*

Lammer J. *see* Zimpfer, Schoder, & others. 2007;83:664-6,CR

Lancelin B. *see* Azmoun, Ramadan, & others. 2007;83:2098-102*

Lancellotti P. *see* Radermecker & Lancellotti. 2007;83:1919-20,CP

Landreneau R. *see* Cerfolio & Bryant. 2007;83:1971-7,DI

Landreneau RJ. *see* Pennathur, Luketich, & others. 2007;83:1820-5*

Lange R, Vogt M, Hörer J, Cleuziou J, Menzel A, Holper K, Hess J, Schreiber C. Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery. 2007;83:1463-71*

Lange R. *see* Hörer, Schreiber, & others. 2007;83:2169-75*

Langenberg C. *see* Egi, Bellomo, & others. 2007;83:715-23,CV

Langer F. *see* Nguyen, Cheng, & others. 2007;83:47-54*

Lang-Lazdunski L. *see* Khan, Tambiah, & others. 2007;83:1893-4,CR

Lansac E. *see* Miller, Cameron, & others. 2007;83:S785-790,DI

Lansman SL. *see* Coselli, Elefteriades, & others. 2007;83:S846-850*

Lansman SL. *see* Spielvogel, Etz, & others. 2007;83:S791-795*

Lantelme P. *see* Greffe, Chalabreysse, & others. 2007;83:1541-3,CR

Lanuti M. Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy. 2007;83:396,IC

Laoutides G. *see* Kotoulas, Patris, & others. 2007;83:1524-6,CR

Laposata M. *see* Everett, Yeh, & others. 2007;83:592-7*

Lapp H. *see* Krieg, Lapp, & others. 2007;83:1539-41,CR

Lappégaard KT. Leukocyte effects of c5a-receptor blockade during simulated extracorporeal circulation. 2007;83:152,IC

Larcher P. *see* Biebl, Fraedrich, & others. 2007;83:1578-9,CP

Large S. Arrow coraide left ventricular assist system: initial experience of the cardio-thoracic surgery center in pavia. 2007;83:282,IC

Large S. *see* Lim, Carballo, & others. 2007;83:134-9*

Large SR. *see* Drury, De Silva, & others. 2007;83:1552-3,CR

Larrazabal LA, del Nido PJ, Jenkins KJ, Gauvreau K, Lacro R, Colan SD, Pigula F, Benavidez OJ, Thompson FF, Mayer JE Jr, Bacha EA. Measurement of technical performance in congenital heart surgery: a pilot study. 2007;83:179-84*

Larrazet F. *see* Bachet, Larrazet, & others. 2007;83:S774-779*

Lathridou P. *see* Mitropoulos, Kanakis, & others. 2007;83:672-4,CR

Laufer G. *see* Oehlinger, Bonaros, & others. 2007;83:1030-4*

Laussen PC. *see* Lai, Laussen, & others. 2007;83:1768-73*

Laussen PC. *see* Odegard, Zurkowski, & others. 2007;83:1797-804*

Lauten A. *see* Strauch, Lauten, & others. 2007;83:2130-4*

Lavoie J. *see* Chu, Sharma, & others. 2007;83:1179-81,CR

Lawton J. *see* Crabtree, Aitchison, & others. 2007;83:1396-402*

Lawton JS. *see* Kaiser, Melby, & others. 2007;83:30-5*

Lawton JS. *see* Melby, Zierer, & others. 2007;83:1651-7*

Lawton JS. *see* Zierer, Moon, & others. 2007;83:2122-9*

Lazarides K. *see* Kotoulas, Patris, & others. 2007;83:1524–6,CR

Lazenby AJ. *see* Holman, Diethelm, & others. 2007;83:2201–3,CR

Leacche M, Byrne JG. Definition of coma in postoperative cardiac surgery patients requiring renal replacement therapy. Reply. 2007;83:1232,CP

Leachman DR. *see* Lopez & Leachman. 2007;83:1183–5,CR

Lebenthal A. *see* Linden, Bueno, & others. 2007;83:1129–33*

Lee CN. *see* Sorokin, Chong, & others. 2007;83:666–8,CR

Lee E. *see* Ali, Halstead, & others. 2007;83:2162–8*

Lee H-C. *see* Hsu, Huang, & others. 2007;83:419–24*

Lee H-S. Cardiac function and position more than 5 years after pneumonectomy. 2007;83:1992,IC

Lee H-S. Dose-related efficacy of aspirin after coronary surgery in patients with $\text{PL}^{\alpha 2}$ polymorphism (nct00262275). 2007;83:138–9,IC

Lee PC. *see* Port, Korst, & others. 2007;83:397–401*

Lee RB. *see* Roberts, , & others. 2007;83:388–92,DI

Lee T-Y. *see* Estrera, Miller, & others. 2007;83:1603–9*

Lee Y. *see* Kang, Han, & others. 2007;83:691–3,CR

Lehenkari P. *see* Juvonen & Lehenkari. 2007;83:1490,IC

Lehmkuhl HB. *see* Knosalla, Weng, & others. 2007;83:1691–6*

LeMaire SA. Late complications of gelatin-resorcin-formalin glue in the repair of acute type a aortic dissection. 2007;83:1626–7,IC

LeMaire SA. *see* Wong, Coselli, & others. 2007;83:1345–55*

Lembcke A. *see* Dohmen, Gabbieri, & others. 2007;83:1168–9,CR

Lembcke A. *see* Gabbieri, Dohmen, & others. 2007;83:1166–8,CR

Lemma M. *see* Antona, Vanelli, & others. 2007;83:1158–61,NT

Leo F. *see* De Pas, de Braud, & others. 2007;83:231–5*

Leo F. *see* Spaggiari, Leo, & others. 2007;83:223–30*

Leonardi A. *see* Ikonomidis, Hilton, & others. 2007;83:2153–61*

Leonhardt J. *see* Metzelder, Kuebler, & others. 2007;83:1844–9*

Lerman D. *see* Zacharias, Lerman, & Knowles. 2007;83:2260,CP

Lessman K. *see* Fenton, Lessman, & others. 2007;83:1431–7*

Levett JM. *see* Smith, Mayer, & others. 2007;83:12–20,RE

Levitsky S. Navigating the new “flat world” of cardiothoracic surgery. 2007;83:361–9,PA

Levitsky S. *see* McCully, Rousou, & others. 2007;83:1102–9*

Lev-Ran O, Casselman F, Coddens J, van Vaerenbergh G, Vanermen H. Endoscopic correction of the adult form of scimitar syndrome and mitral regurgitation: anatomic and technical considerations. 2007;83:2205–7,CR

Levvey BJ. *see* Oto, Levvey, & others. 2007;83:257–64*

Levy RJ. *see* Clark-Greuel, Connolly, & others. 2007;83:946–53*

Lewis V. *see* Keeling, Lewis, & others. 2007;83:193–6*

Li G. *see* Kim, Li, & others. 2007;83:640–7*

Li G. *see* Wang, Liu, & others. 2007;83:1751–9*

Li G. *see* Yau, Kim, & others. 2007;83:1110–20*

Li J, Omo A, Chen T, Zheng Z, Pan T. Tension pneumoperitoneum caused by pericarditis. 2007;83:321,IM

Li R-K. *see* Yau, Kim, & others. 2007;83:1110–20*

Li X. *see* Zhang, Wu, & others. 2007;83:2176–81*

Li Y-D. *see* Han, Ding, & Li. 2007;83:655–60,NT

Liang D. *see* Nguyen, Cheng, & others. 2007;83:47–54*

Liang J. *see* Zhang, Wu, & others. 2007;83:2176–81*

Liao Q. *see* Steen, Ingemannsson, & others. 2007;83:2191–5,NT

Lidén H. *see* Wierup, Lidén, & others. 2007;83:1713–6*

Lie C-H. *see* Chao, Lin, & others. 2007;83:689–91,CR

Liebold A. *see* Fritzsch, Eitz, & others. 2007;83:542–8*

Lien Y-C, Huang M-T, Lin H-C. Association between surgeon and hospital volume and in-hospital fatalities after lung cancer resections: the experience of an asian country. 2007;83:1837–43*

Lilly KJ. *see* Pirundini, Lilly, & Rizzo. 2007;83:1581,CP

Lim E. Recurrence patterns in patients with early stage non-small cell lung cancers undergoing positive pleural lavage cytology. 2007;83:202–3,IC

Lim E, Carballo S, Cornelissen J, Ali ZA, Grignani R, Bellm S, Large S. Dose-related efficacy of aspirin after coronary surgery in patients with $\text{PL}^{\alpha 2}$ polymorphism (nct00262275). 2007;83:134–9*

Lim SP. *see* Kang, Han, & others. 2007;83:691–3,CR

Lin A-S. *see* Chao, Lin, & others. 2007;83:689–91,CR

Lin E. *see* Puskas, Lin, & others. 2007;83:1870–2,CR

Lin H-C. *see* Lien, Huang, & Lin. 2007;83:1837–43*

Lindberg HL. *see* Vida, Berggren, & others. 2007;83:161–8*

Lindblom D. *see* Sartipy, Albåge, & others. 2007;83:1303–9*

Lindblom D. *see* Sartipy, Albåge, & Lindblom. 2007;83:1381–8*

Linden PA, Bueno R, Mentzer SJ, Zellos L, Lebenthal A, Colson YL, Sugarbaker DJ, Jaklitsch MT. Modified t-tube repair of delayed esophageal perforation results in a low mortality rate similar to that seen with acute perforations. 2007;83:1129–33*

Linden PA, Yeap BY, Chang MY, Henderson WG, Jaklitsch MT, Khuri S. Morbidity of lung resection after prior lobectomy: results from the veterans affairs national surgical quality improvement program. 2007;83:425–32*

Lisle TC. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Little AG. *see* Dhar, Hattori, & others. 2007;83:1265–72*

Liu H. *see* Wang, Liu, & others. 2007;83:1751–9*

Liu YL. *see* Wu, Zhou, & others. 2007;83:1491–500*

Loardi C. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Lobato EB. *see* Klodell, Morey, & others. 2007;83:68–71*

Lodge AJ. Treatment of Advanced Heart Disease 2007;83:2263,RV

Lodge AJ. *see* Baig, Nassar, & others. 2007;83:1477–83*

Loebe M. *see* Koster, Huebler, & others. 2007;83:72–6*

Loewe C. *see* Schoder, Czerny, & others. 2007;83:1059–66*

Loewen GM. *see* Ramnath, Demmy, & others. 2007;83:1831–6*

Loeys BL. *see* Williams, Loeys, & others. 2007;83:S757–763*

Long JW. *see* Drakos, Kfoury, & others. 2007;83:62–7*

Longobardi A. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Lopes N. *see* Hueb, Gersh, & others. 2007;83:93–9*

Lopez JA, Leachman DR. Successful use of transvenous atrial and bifocal left ventricular pacing in ebstein's anomaly after tricuspid prosthetic valve surgery. 2007;83:1183–5,CR

Lowery RC. *see* Burack, Kandil, & others. 2007;83:377–82*

Lozonschi L, Sirak JH, Michler RE. Transaortic delivery of the transmural lesion in a complete maze procedure. 2007;83:1904–5,HW

Lu C-Y. *see* Chuang, Jaw, & others. 2007;83:e2,IM

Lu SH. *see* Wu, Zhou, & others. 2007;83:1491–500*

Luciani R. *see* Capuano, Bianchini, & others. 2007;83:2215–6,CR

Luciano PM. *see* Rodrigues, Évora, & others. 2007;83:2060–5*

Luehr M. *see* Etz, Di Luozzo, & others. 2007;83:S870–876*

Lueth TC. *see* Sodian, Weber, & others. 2007;83:1854–7,NT

Lugaresi ML. *see* Mattioli, Ruffato, & others. 2007;83:1814–9*

Lukac P, Hjortdal VE, Pedersen AK, Mortensen PT, Jensen HK, Hansen PS. Prevention of atrial flutter with cryoablation may be proarrhythmogenic. 2007;83:1717–23*

Lukac P, Hjortdal VE, Pedersen AK, Mortensen PT, Jensen HK, Hansen PS. Superior transseptal approach to mitral valve is associated with a higher need for pacemaker implantation than the left atrial approach. 2007;83:77–82*

Luketich J. *see* Kaushik, Khalid, & others. 2007;83:2000–2*

Luketich JD. *see* Pennathur, Luketich, & others. 2007;83:1820–5*

Luketich JD. *see* Roberts, , & others. 2007;83:388–92,DI

Lundblad OH. *see* Ahlsson, Bodin, & others. 2007;83:1332–7*

Luthra S, Tatoulis J, Warren RJ. Drug-eluting stent-induced left anterior descending coronary artery aneurysm: repair by pericardial patch where are we headed? 2007;83:1530–2,CR

Lyerly RT III. *see* Holman, Diethelm, & others. 2007;83:2201–3,CR

Lytle BL. *see* Cowper, DeLong, & others. 2007;83:100–7*

Lytle BW. *see* Atik, Navia, & others. 2007;83:526–31*

Lytle BW. *see* Rankin, Tuttle, & others. 2007;83:1008–15,DI

Lytle BW. *see* Svensson, Blackstone, & others. 2007;83:1067–74*

Ma M, Gauvreau K, Allan CK, Mayer JE Jr, Jenkins KJ. Causes of death after congenital heart surgery. 2007;83:1438–45*

Maas D. *see* Wheatley, Opie, & others. 2007;83:1555,IM

Mack M. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65,DI

Mack M. *see* Kincaid, Cordell, & others. 2007;83:964–8,DI

Mack MJ. Transcatheter Valve Repair, Edited by Ziyad M. Hijazi, Philipp Bonhoeffer, Ted Feldman, and Carlos E. Ruiz. 2007;83:1582,RV

Mack MJ. *see* Edgerton, Edgerton, & others. 2007;83:89–92*

Mack MJ. *see* Goyal, Alexander, & others. 2007;83:993–1001*

Mack MJ. *see* Magee, Herbert, & others. 2007;83:1707–12*

Mack MJ. *see* Palmer, Herbert, & others. 2007;83:986–92*

Maddaus MA. *see* Whitson, Andrade, & others. 2007;83:1965–70*

Maeda T. *see* Kuwaki, Kawaharada, & others. 2007;83:558–63*

Maehara Y. *see* Yamazaki, Yoshino, & others. 2007;83:315–7,CR

Maganti M. *see* Borger, Nette, & others. 2007;83:2054–9*

Maganti M. *see* Tang, Maganti, & others. 2007;83:938–45*

Magee AG. Unidirectional monovalve homologous aortic patch for repair of ventricular septal defect with pulmonary hypertension. 2007;83:2181,IC

Magee MJ, Herbert MA, Dewey TM, Edgerton JR, Ryan WH, Prince S, Mack MJ. Atrial fibrillation after coronary artery bypass grafting surgery: development of a predictive risk algorithm. 2007;83:1707–12*

Magee MJ. *see* Palmer, Herbert, & others. 2007;83:986–92*

Magovern JA. Measurement of non-physiological movement in sternal instability by ultrasound. 2007;83:1516–7,IC

Mahmoud A. *see* Al-Ruzzeh, Mahmoud, & others. 2007;83:355,CP

Mahomed Y. *see* Brown, Ruzmetov, & others. 2007;83:1781–9*

Makhachev OA. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Makhija N. *see* Chowdhury, Mishra, & others. 2007;83:1731–6*

Malhotra A. *see* Chowdhury, Mishra, & others. 2007;83:1731–6*

Malhotra P. *see* Chowdhury, Mishra, & others. 2007;83:1731–6*

Malik MI. *see* Kress, Aronson, & others. 2007;83:1737–43*

Mandal K. *see* Warren, Mandal, & others. 2007;83:707–14,CV

Mandapati D. *see* Davies, Coe, & others. 2007;83:1593–602,AP

Mandapati D. *see* Davies, Kaple, & others. 2007;83:1338–44*

Mandegar MH. *see* Yousefnia, Mandegar, & others. 2007;83:958–63*

Manipadam MT. *see* Kavunkal, Pandiyan, & others. 2007;83:310–2,CR

Manley D. *see* Wang, Liu, & others. 2007;83:1751–9*

Manns BJ. *see* Graham, Shrive, & others. 2007;83:1257–64*

Manon-Matos Y. *see* Mortman, Hochheiser, & others. 2007;83:1894–7,CR

Marcelletti CF. My view and my experience on extracardiac rv-pa conduit. 2007;83:726,CP

Marcus JT. *see* Smulders, Holverda, & others. 2007;83:1986–92*

Mariani MA. *see* Aliyary, Mariani, & others. 2007;83:1879–81,CR

Marik PE. *see* Salerno, Vahid, & Marik. 2007;83:1888–91,CR

Marino B. *see* Carotti, Piacentini, & Marino. 2007;83:2262,CP

Mark D. *see* Haan, Milford-Beland, & others. 2007;83:2103–10*

Mark DB. *see* Cowper, DeLong, & others. 2007;83:100–7*

Markert M. *see* Sodian, Weber, & others. 2007;83:1854–7,NT

Markus HS. *see* Motallebzadeh, Bland, & others. 2007;83:475–82*

Marquette C-H. *see* Conti, Robin, & others. 2007;83:1924,CP

Marshall MB. *see* Bonde, Gao, & others. 2007;83:433–40,DI

Marta G. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Martens TP. *see* Bardakci, Cheema, & others. 2007;83:483–9*

Martin LW. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Martin TD. *see* Klodell, Morey, & others. 2007;83:68–71*

Marui A. *see* Morishima, Marui, & others. 2007;83:287–8,CR

Maruszewski B. *see* Vida, Berggren, & others. 2007;83:161–8*

Maruyama K. *see* Motoyama, Kitamura, & others. 2007;83:1273–8*

Maselli D, Guerraccino F, Bajona P. Adjustable sinotubular junction for aortic valve reimplantation procedures. 2007;83:700–2,HW

Masetti P. *see* Kouchoukos & Masetti. 2007;83:e1,IM

Massard G, Kochetkova EA, Wihlm J-M. Pulmonary complications after lung resection are increased in patients with previous head and neck cancer. 2007;83:2258,CP

Masumoto H. *see* Takami & Masumoto. 2007;83:120–5*

Masumoto H. *see* Takami, Masumoto, & Fyfe-Kirschner. 2007;83:2210–3,CR

Masuoka A, Katogi T, Asano H, Iwazaki M, Matsuoka T, Nishimura M, Kyo S. Successful use of the toyobo left ventricular assist device in a 16-kg girl awaiting cardiac transplantation. 2007;83:1181–3,CR

Matalanis G. *see* Egi, Bellomo, & others. 2007;83:715–23,CV

Mather MN. *see* Coselli, Elefteriades, & others. 2007;83:S846–850,DI

Mathewson JW. *see* Bichell, Mora, & others. 2007;83:678–80,CR

Mathisen DJ. *see* Gissert, Honings, & others. 2007;83:1952–9*

Matschke K. *see* Fritzsche, Eitz, & others. 2007;83:542–8*

Matsuda H. *see* Sasaki, Ogino, & others. 2007;83:S805–810*

Matsue H. *see* Takeda, Matsumiya, & others. 2007;83:668–70,CR

Matsui Y. *see* Shingu, Shiyya, & others. 2007;83:1356–61*

Matsumiya G. *see* Hata, Takano, & others. 2007;83:1621–7*

Matsumiya G. *see* Takeda, Matsumiya, & others. 2007;83:668–70,CR

Matsumori M. *see* Kawanishi, Munakata, & others. 2007;83:456–61*

Matsuo T. *see* Kai, Okabayashi, & others. 2007;83:1666–71*

Matsuoka T. *see* Masuoka, Katogi, & others. 2007;83:1181–3,CR

Matsuoka T. *see* Nakagawa, Okumura, & others. 2007;83:204–8*

Matsushita T, Huynh AT, Singh T, Armarego S, Formby M, Boyd AF, Oldfield GS. Aortic valve lipoma. 2007;83:2220–2,CR

Matsuura A. *see* Mizutani, Matsuura, & others. 2007;83:1368–73*

Matsuura K. *see* Dhar, Hattori, & others. 2007;83:1265–72*

Matsuzaki K. *see* Shingu, Shiyya, & others. 2007;83:1356–61*

Matt P, Zerkowski H-R, Pfisterer M, Brett W. Troubleshooting for a stuck balloon-catheter. 2007;83:320,IM

Mattioli B. *see* Mattioli, Ruffato, & others. 2007;83:1814–9*

Mattioli S, Ruffato A, Di Simone MP, Corti B, D'Errico A, Lugaresi ML, Mattioli B, D'Ovidio F. Immunopathological patterns of the stomach in adenocarcinoma of the esophagus, cardia, and gastric antrum: gastric profiles in siewert type i and ii tumors. 2007;83:1814–9*

Mattox K. Triage and outcome of patients with mediastinal penetrating trauma. 2007;83:382,IC

Mattrey RF. Are cerebral emboli real when perfluorocarbon emulsion (af0144) is used in cardiac surgery? 2007;83:1922–3,CP

Mattsson E. *see* Sartipy, Albåge, & others. 2007;83:1303–9*

Matuura A. *see* Eda, Matuura, & others. 2007;83:2219–20,CR

Maugeri B. *see* Ranucci, Bellucci, & others. 2007;83:1089–95*

Maul DH. *see* Vassiliades, Cosgriff, & others. 2007;83:1508–12,NT

Mauney MC. *see* Kouchoukos & Mauney. 2007;83:S811–814*

Mavroudis C. *see Dodge-Khatami, Backer, & others.* 2007;83:2230-2,CR

Mavroudis C. *see Slater, Komanapalli, & others.* 2007;83:2074-80,DI

Maxey TS. *see Keeling, Lewis, & others.* 2007;83:193-6*

Mayer JE. *see Brown, Ruzmetov, & others.* 2007;83:1781-9,DI

Mayer JE. *see Lai, Laussen, & others.* 2007;83:1768-73*

Mayer JE Jr. *see Larrazabal, del Nido, & others.* 2007;83:179-84*

Mayer JE Jr. *see Ma, Gauvreau, & others.* 2007;83:1438-45*

Mayer JE Jr. *see Smith, Mayer, & others.* 2007;83:12-20,RE

Mazer CD. *see Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others.* 2007;83:S27-86*

Mazzola A, Gregorini R, Villani C, Colantonio LB, Giancola R, Gravina GL, Vicentini C. Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion. 2007;83:1564-5,HW

McBride WT. *see Allen, McBride, & others.* 2007;83:578-85*

McCarthy HL II. *see Koster, Dyke, & others.* 2007;83:572-7*

McCully JD, Rousou AJ, Parker RA, Levitsky S. Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide. 2007;83:1102-9*

McDonald ML. *see Kress, Aronson, & others.* 2007;83:1737-43*

McElvein RB. Pacemaker lead extraction. 2007;83:1233,CP

McFalls EO. *see Adabag, Rector, & others.* 2007;83:1744-50*

McGrath K. *see Kaushik, Khalid, & others.* 2007;83:2000-2*

McGregor CGA. *see Villavicencio, Sundt, & others.* 2007;83:1403-11*

McKenzie ED. *see Rossano, Smith, & others.* 2007;83:606-12*

McKillop G. *see Peng, McKillop, & others.* 2007;83:1190-4,CR

McMullan DM, Moulick A, Jonas RA. Late embolization of amplatzer patent ductus arteriosus occlusion device with thoracic aorta embedment. 2007;83:1177-9,CR

McMurray TJ. *see Allen, McBride, & others.* 2007;83:578-85*

McNutt R. *see Wheatley, McNutt, & Diethrich.* 2007;83:272-8,NT

Meada R. *see Estrera, Miller, & others.* 2007;83:S842-845*

Meada R. *see Estrera, Miller, & others.* 2007;83:1603-9*

Meadors FA. *see Coselli, Elefteriades, & others.* 2007;83:S846-850,DI

Mehall JR, Kohut RM Jr, Schneeberger EW, Merrill WH, Wolf RK. Absence of correlation between symptoms and rhythm in "symptomatic" atrial fibrillation. 2007;83:2118-21*

Mehall JR, Kohut RM Jr, Schneeberger EW, Taketani T. Intraoperative epicardial electrophysiologic mapping and isolation of autonomic ganglionic plexi. 2007;83:538-41*

Mehlhorn U. *see Fritzsche, Eitz, & others.* 2007;83:542-8*

Mehran RJ. *see Blackmon, Correa, & others.* 2007;83:1805-13*

Mehta RH. *see Goyal, Alexander, & others.* 2007;83:993-1001*

Mehta S. *see Rana, Swami, & others.* 2007;83:1194-6,CR

Meinhart J. *see Gorlitzer, Grabenwoeger, & others.* 2007;83:393-6*

Melby SJ, Zierer A, Kaiser SP, Guthrie TJ, Keune JD, Schuessler RB, Pasque MK, Lawton JS, Moazami N, Moon MR, Damiano RJ Jr. Aortic valve replacement in octogenarians: risk factors for early and late mortality. 2007;83:1651-7*

Melby SJ. *see Kaiser, Melby, & others.* 2007;83:30-5*

Melby SJ. *see Zierer, Melby, & others.* 2007;83:1684-90*

Melby SJ. *see Zierer, Moon, & others.* 2007;83:2122-9*

Meli YM. *see Stoller, Gildea, & others.* 2007;83:241-51*

Melina G. *see Benedetto, Melina, & others.* 2007;83:83-8*

Melina G. *see Bianchini, Melina, & others.* 2007;83:2213-4,CR

Melloni G, Cremona G, Bandiera A, Arrigoni G, Rizzo N, Varagona R, Muriana G, Carretta A, Ciriaco P, Canneto B, Zannini P. Localized organizing pneumonia: report of 21 cases. 2007;83:1946-51*

Mentzer SJ. *see Linden, Bueno, & others.* 2007;83:1129-33*

Menzel A. *see Lange, Vogt, & others.* 2007;83:1463-71*

Mercadante E, Curatola D, Carlini M. Alternative conservative therapy. Reply. 2007;83:1924,CP

Mercadante E, Giovannini C, Carlini M. Management of postintubation tracheobronchial ruptures. Reply. 2007;83:1925,CP

Mercando ML. *see Bardakci, Cheema, & others.* 2007;83:483-9*

Merrill WH. *see Mehall, Kohut, & others.* 2007;83:2118-21*

Mesana T. *see Rubens, Bourke, & others.* 2007;83:1075-81*

Mesana TG, Ibrahim M, Kulik A, Ruel M, Dover K, Nicholson D, Hynes M. The "hybrid flip-over" technique for anterior leaflet prolapse repair. 2007;83:322-3,HW

Mesana TG. *see Kulik, Rubens, & others.* 2007;83:502-9*

Mess W. *see Schurink, Nijenhuis, & others.* 2007;83:S877-881*

Messmer BJ. *see Hövels-Gürich, Konrad, & others.* 2007;83:1425-30*

Mestres CA. *see Bernabeu, Josa, & others.* 2007;83:1537-8,CR

Metrakos P. *see Bernier, Grenon, & others.* 2007;83:1544-5,CR

Metzelder ML, Kuebler JF, Leonhardt J, Ure BM, Petersen C. Self and parental assessment after minimally invasive repair of pectus excavatum: lasting satisfaction after bar removal. 2007;83:1844-9*

Meuli M. *see Dodge-Khatami, Backer, & others.* 2007;83:2230-2,CR

Meyer O. *see Koster, Huebler, & others.* 2007;83:72-6*

Meyer R. *see Delmo-Walter, Alexi-Meskishvili, & others.* 2007;83:682-4,CR

Meyers BF. *see Cerfolio & Bryant.* 2007;83:1826-30,DI

Meyers BF. *see Crabtree, Aitchison, & others.* 2007;83:1396-402*

Meyers BF. *see Zierer, Melby, & others.* 2007;83:1684-90*

Michelfelder E. *see Eightesady, Michelfelder, & others.* 2007;83:631-9*

Michler RE. *see Lozonschi, Sirak, & Michler.* 2007;83:1904-5,HW

Mihaljevic T. Atlas of Mitral Valve Repair, by Edward B. Savage; Steven F. Bolling 2007;83:1926,RV

Mika U Heikki Toomes. *see Steger, Mika, & others.* 2007;83:1940-5*

Mikami T. *see Shingu, Shiyya, & others.* 2007;83:1356-61*

Mikkelsen MM. *see Zebis, Christensen, & others.* 2007;83:1326-31*

Milford-Beland S. *see Haan, Milford-Beland, & others.* 2007;83:2103-10*

Miller CC. *see Estrera, Miller, & others.* 2007;83:S842-845*

Miller CC III. *see Estrera, Miller, & others.* 2007;83:1603-9*

Miller CC III. *see Safi, Miller, & others.* 2007;83:S815-818*

Miller DC. Valve-sparing aortic root replacement: current state of the art and where are we headed? 2007;83:S736-739*

Miller DC, Cameron DE, Cohen O, David TE, El Khoury G, Erasmi AW, Karck M, Schäfers H-J. Panel discussion: session i - ascending aorta. 2007;83:S785-790*

Miller DC. *see Nguyen, Cheng, & others.* 2007;83:47-54*

Miller DL, Force SD. Outpatient microthoracoscopic sympathectomy for palmar hyperhidrosis. 2007;83:1850-3*

Miller DL. *see Blackmon, Correa, & others.* 2007;83:1805-13,DI

Miller DL. *see Cerfolio & Bryant.* 2007;83:1826-30,DI

Miller DL. *see Sugimura, Nichols, & others.* 2007;83:409-18,DI

Miller HJ. *see Hayek, Hughes, & others.* 2007;83:1882-4,CR

Miller JD. Complications of video-assisted thoracoscopic lung biopsy in patients with interstitial lung disease. 2007;83:1145,IC

Miller JI. *see Cerfolio & Bryant.* 2007;83:1826-30,DI

Millner RWJ. *see Chanda & Millner.* 2007;83:1518-9,CR

Milton R. *see* Ganti, Milton, & others. 2007;83:1196–7,CR
Minamiya Y. *see* Motoyama, Kitamura, & others. 2007;83:1273–8*
Minatoya K. *see* Sasaki, Ogino, & others. 2007;83:S805–810*
Mineo D. *see* Mineo, Ambrogi, & others. 2007;83:1978–85*
Mineo TC, Ambrogi V, Mineo D, Pompeo E. Transxiphoid hand-assisted videothoracoscopic surgery. 2007;83:1978–85*
Mirocha J. *see* Goland, Czer, & others. 2007;83:931–7*
Misaki T. *see* Kotoh, Fukahara, & others. 2007;83:1679–83*
Misfeld M. *see* Miller, Cameron, & others. 2007;83:S785–790,DI
Misfeld M. *see* Scharfschwerdt, Sievers, & others. 2007;83:954–7*
Mishra AK. *see* Chowdhury, Mishra, & others. 2007;83:1731–6*
Mitchell C, Riley CA, Vahid B. Unusual complication of heparin-induced thrombocytopenia after mitral valve surgery: spontaneous rupture of spleen. 2007;83:1172–4,CR
Mitchell RS. Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type b dissections. 2007;83:1640,IC
Mitchell RS. *see* Spielvogel, Coselli, & others. 2007;83:S890–892*
Mithani S. *see* Adabag, Rector, & others. 2007;83:1744–50*
Mitropoulos FA, Kanakis M, Vlachos AP, Lathridou P, Tsoukatos G, Georgiou G. Congenitally corrected transposition of the great arteries: surgical repair in adulthood. 2007;83:672–4,CR
Mitsumoto Y. *see* Dhar, Hattori, & others. 2007;83:1265–72*
Miyagawa S. *see* Ota, Taketani, & others. 2007;83:1501–7*
Miyahara K. *see* Eda, Matuura, & others. 2007;83:2219–20,CR
Miyahara K. *see* Mizutani, Matsuura, & others. 2007;83:1368–73*
Miyamoto H. *see* Sakao, Miyamoto, & others. 2007;83:209–15*
Miyashita T. *see* Bonde, Gao, & others. 2007;83:433–40*
Miyazaki S. *see* Oyamada, Kobayashi, & others. 2007;83:1532–4,CR
Miyazaki S. *see* Saito, Nakatani, & others. 2007;83:140–5*
Miyazaki T. *see* Shinkawa, Yamagishi, & others. 2007;83:188–92*
Miyoshi K. *see* Nakagawa, Okumura, & others. 2007;83:204–8*
Mizuguchi S, Nishiyama N, Iwata T, Nishida T, Izumi N, Tsukioka T, Inoue K, Kameyama M, Suehiro S. Clinical value of serum cytokeratin 19 fragment and sialyl-lewis x in non-small cell lung cancer. 2007;83:216–22*
Mizukami T, Hamamoto M, Orihashi K, Sueda T. Atypical presentation of xanthoma mimicking thymoma. 2007;83:1205,IM
Mizutani S, Matsuura A, Miyahara K, Eda T, Kawamura A, Yoshioka T, Yoshida K. On-pump beating-heart coronary artery bypass: a propensity matched analysis. 2007;83:1368–73*
Moazami N. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*
Moazami N. *see* Kaiser, Melby, & others. 2007;83:30–5*
Moazami N. *see* Melby, Zierer, & others. 2007;83:1651–7*
Moazami N. *see* Zierer, Melby, & others. 2007;83:1684–90*
Moazami N. *see* Zierer, Moon, & others. 2007;83:2122–9*
Mochalski M. *see* Holzhey, Jacobs, & others. 2007;83:108–14*
Mochtar B. *see* Schurink, Nijenhuis, & others. 2007;83:S877–881*
Moffatt-Bruce SD. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57*
Mohler ER III. *see* Clark-Greuel, Connolly, & others. 2007;83:946–53*
Mohr FW. *see* Battellini, Rastan, & others. 2007;83:1206–9,HW
Mohr FW. *see* Holzhey, Jacobs, & others. 2007;83:108–14*
Mohr FW. *see* Seeburger & Mohr. 2007;83:674–6,CR
Mommerot A, Perrault LP. Temperature changes stimulate contraction in the human radial artery and affect response to vasoconstrictors. 2007;83:132–3,IC
Moneta A. *see* Pocar, Moneta, & Grossi. 2007;83:468–74*
Montgomery E. *see* Bonde, Gao, & others. 2007;83:433–40*

Moon M. *see* Kincaid, Cordell, & others. 2007;83:964–8,DI
Moon M. *see* Melby, Zierer, & others. 2007;83:1651–7,DI
Moon M. *see* Slater, Komanapalli, & others. 2007;83:2074–80,DI
Moon MR. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*
Moon MR. *see* Kaiser, Melby, & others. 2007;83:30–5*
Moon MR. *see* Melby, Zierer, & others. 2007;83:1651–7*
Moon MR. *see* Zierer, Melby, & others. 2007;83:1684–90*
Moon MR. *see* Zierer, Moon, & others. 2007;83:2122–9*
Moon-Grady A. *see* Alphonso, Anagnostopoulos, & others. 2007;83:1472–6*
Moore JE. *see* Linden, Yeap, & others. 2007;83:425–32,DI
Moorjani N. *see* Ooi, Saad, & Moorjani. 2007;83:684–5,CR
Mora BN. *see* Bichell, Mora, & others. 2007;83:678–80,CR
Moradiellos J. *see* Gómez de Antonio, Gámez, & others. 2007;83:1891–3,CR
Morariu AM. *see* Huybregts, Morariu, & others. 2007;83:1760–7*
Morey TE. *see* Klodell, Morey, & others. 2007;83:68–71*
Morgan A. *see* Husain, Finch, & others. 2007;83:1251–6*
Mori T. *see* Ikeda, Nomori, & others. 2007;83:1199–201,CR
Morimoto H. *see* Nakajima, Tsuchiya, & others. 2007;83:2216–9,CR
Morishima A, Marui A, Shimamoto T, Saji Y, Tambara K, Nishina T, Komeda M. Successful aortic valve replacement for heye syndrome with confirmed hematologic recovery. 2007;83:287–8,CR
Morishita K. *see* Kuwaki, Kawahara, & others. 2007;83:558–63*
Morishita Y. *see* Kamiyoshihara, Kakegawa, & Morishita. 2007;83:1913–4,HW
Morita S. *see* Takaseya, Kawara, & others. 2007;83:2050–3*
Morrow WR. *see* Sachdeva, Fiser, & others. 2007;83:680–2,CR
Morshuis WJ. *see* Schepens, Kelder, & others. 2007;83:S851–855*
Mortensen PT. *see* Lukac, Hjortdal, & others. 2007;83:77–82*
Mortensen PT. *see* Lukac, Hjortdal, & others. 2007;83:1717–23*
Mortman KD, Hochheiser GM, Giblin EM, Manon-Matos Y, Frankel KM. Elastofibroma dorsi: clinicopathologic review of 6 cases. 2007;83:1894–7,CR
Moscoso-Luduena M. *see* Battellini, Rastan, & others. 2007;83:1206–9,HW
Motallebzadeh R, Bland JM, Markus HS, Kaski JC. Neurocognitive function and cerebral emboli: randomized study of on-pump versus off-pump coronary artery bypass surgery. 2007;83:475–82*
Motallebzadeh R, Desai JB. Mitral valve regurgitation due to a lipoma. 2007;83:2234,IM
Motoyama S, Kitamura M, Saito R, Maruyama K, Sato Y, Hayashi K, Saito H, Minamiya Y, Ogawa J-i. Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer. 2007;83:1273–8*
Moulick A. *see* McMullan, Moulick, & Jonas. 2007;83:1177–9,CR
Mouly-Bertin C. *see* Greffe, Chalabreysse, & others. 2007;83:1541–3,CR
Muhlbauer LH. *see* Cowper, DeLong, & others. 2007;83:100–7*
Mujanovic E. *see* Bergsland, Kabil, & others. 2007;83:462–7*
Mulet J. *see* Bernabeu, Josa, & others. 2007;83:1537–8,CR
Mullany CJ. *see* Villavicencio, Sundt, & others. 2007;83:1403–11*
Mullany DV. *see* Passage, Joshi, & Mullany. 2007;83:1096–101*
Mullen JC. *see* Shihata & Mullen. 2007;83:1201–3,CR
Mun M, Kohno T. Single-stage surgical treatment of synchronous bilateral multiple lung cancers. 2007;83:1146–51*
Munakata H. *see* Kawanishi, Munakata, & others. 2007;83:456–61*
Muneretto C. *see* Bisleri, Bottio, & Muneretto. 2007;83:1580–1,CP
Munfakh N. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*
Muñoz I. *see* Sanchez, Alados, & others. 2007;83:693–5,CR
Munoz R. *see* Baird, Zurakowski, & others. 2007;83:912–20*

Muriana G. *see* Melloni, Cremona, & others. 2007;83:1946–51*

Muriana P. *see* Droghetti, Schiavini, & others. 2007;83:697,IM

Murthy SC. *see* Sugimura, Nichols, & others. 2007;83:409–18,DI

Mussot S. *see* Vanden Eynden, Fadel, & others. 2007;83:236–40*

Muthialu N. Edge-to-edge technique for residual mitral valve regurgitation. 2007;83:724,CP

Myrmel T. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Na MH. *see* Kang, Han, & others. 2007;83:691–3,CR

Nadji G. *see* Remadi, Habib, & others. 2007;83:1295–302*

Nagasue N. *see* Dhar, Hattori, & others. 2007;83:1265–72*

Nagura S. *see* Kotoh, Fukahara, & others. 2007;83:1679–83*

Nainar M. *see* Theodore, Vaidyanathan, & others. 2007;83:1876–8,CR

Nakagawa K. *see* Satoh, Hoshi, & others. 2007;83:197–203*

Nakagawa T, Okumura N, Kokado Y, Miyoshi K, Matsuoka T, Kameyama K. Clinical relevance of intraoperative pleural lavage cytology in non-small cell lung cancer. 2007;83:204–8*

Nakagiri K. *see* Kawanishi, Munakata, & others. 2007;83:456–61*

Nakajima H. *see* Oyamada, Kobayashi, & others. 2007;83:1532–4,CR

Nakajima H. *see* Saito, Nakatani, & others. 2007;83:140–5*

Nakajima M, Tsuchiya K, Akashi O, Morimoto H, Kato K. Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient. 2007;83:2216–9,CR

Nakajima T, Kawazoe K, Kataoka T, Kin H, Kazui T, Okabayashi H, Niinuma H. Midterm results of aortic repair using a fabric neomedia and fibrin glue for type a acute aortic dissection. 2007;83:1615–20*

Nakano J. *see* Kai, Okabayashi, & others. 2007;83:1666–71*

Nakatani T. *see* Saito, Nakatani, & others. 2007;83:140–5*

Nakayama E, Tanaka T, Noguchi T. Tracheal stenosis caused by retrosternal dislocation of the right clavicle. 2007;83:685–7,CR

Naliato M. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Nappi G. *see* Griep, Haverich, & others. 2007;83:S824–831,DI

Nargileci E. *see* Ugurlucan, Surmen, & others. 2007;83:356–7,CP

Naruke T. *see* Kaji, Nomori, & others. 2007;83:312–4,CR

Narula NR. *see* Clark-Greuel, Connolly, & others. 2007;83:946–53*

Nassar MI, de la Llana R, Diaz-Romero F. Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation. 2007;83:663–4,CR

Nassar R. *see* Baig, Nassar, & others. 2007;83:1477–83*

Natarajan N. *see* Ramnath, Demmy, & others. 2007;83:1831–6*

Naunheim KS. *see* Pennathur, Luketich, & others. 2007;83:1820–5,DI

Naunheim KS. *see* Smith, Mayer, & others. 2007;83:12–20,RE

Navia JL. *see* Abu Romeh, Chhatriwalla, & others. 2007;83:1170–1,CR

Navia JL. *see* Atik, Navia, & others. 2007;83:526–31*

Nayar S, Parmar R, Kulkarni S, Cherian KM. Treatment of plastic bronchitis. 2007;83:1884–6,CR

Neeleman C. *see* Truin, Backx, & others. 2007;83:1873–4,CR

Negi K. *see* Hasegawa, Suda, & others. 2007;83:308–10,CR

Nemeh HW. *see* Shuhaiber, Kim, & others. 2007;83:2135–41*

Nemoto S, Umehara E, Ikeda T, Itonaga T, Komeda M. Oral sildenafil ameliorates impaired pulmonary circulation early after bidirectional cavopulmonary shunt. 2007;83:e11–3,CR

Nette AF. *see* Borger, Nette, & others. 2007;83:2054–9*

Neufeld EJ. *see* Odegard, Zurakowski, & others. 2007;83:1797–804*

Newman MAJ. *see* Saxena, Kejriwal, & Newman. 2007;83:2258–9,CP

Nguyen JT. *see* Adabag, Rector, & others. 2007;83:1744–50*

Nguyen TC, Cheng A, Langer F, Rodriguez F, Oakes RA, Itoh A, Ennis DB, Liang D, Daughters GT, Ingels NB Jr, Miller DC. Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation. 2007;83:47–54*

Nia PS, Van Schil P. Has smoking status only a prognostic value in patients with stage i pulmonary adenocarcinomas? 2007;83:358,CP

Niccoli G. *see* Pragliola, Altamura, & others. 2007;83:670–2,CR

Nichols FC. *see* Sugimura, Nichols, & others. 2007;83:409–18*

Nichols FC III. *see* Smith, Mayer, & others. 2007;83:12–20,RE

Nicholson AG. *see* Pilling, Nicholson, & others. 2007;83:314–5,CR

Nicholson AG. *see* West, Nicholson, & Colquhoun. 2007;83:687–9,CR

Nicholson D. *see* Mesana, Ibrahim, & others. 2007;83:322–3,HW

Nicholson D. *see* Rubens, Bourke, & others. 2007;83:1075–81*

Nienaber C. *see* Coselli, Elefteriades, & others. 2007;83:S846–850*

Nienaber CA. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Nigro JJ. Novel modification of right ventricle to pulmonary artery shunt in palliation of hypoplastic left heart syndrome. Reply. 2007;83:1231–2,CP

Niinuma H. *see* Nakajima, Kawazoe, & others. 2007;83:1615–20*

Nijenhuis RJ. *see* Schurink, Nijenhuis, & others. 2007;83:S877–881*

Nikolaos B. Effects of cell-based angiogenic gene therapy at 6 months: persistent angiogenesis and absence of oncogenicity. 2007;83:646–7,IC

Nilsson M. *see* Wierup, Lidén, & others. 2007;83:1713–6*

Nishida T. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Nishimura M. *see* Gojo, Kyo, & others. 2007;83:661–2,CR

Nishimura M. *see* Masuoka, Katogi, & others. 2007;83:1181–3,CR

Nishimura M. *see* Takeda, Matsumiya, & others. 2007;83:668–70,CR

Nishimura S. *see* Gojo, Kyo, & others. 2007;83:661–2,CR

Nishina T. *see* Morishima, Marui, & others. 2007;83:287–8,CR

Nishiyama N. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Nistal F. *see* Miller, Cameron, & others. 2007;83:S785–790,DI

Niwaya K. *see* Oyamada, Kobayashi, & others. 2007;83:1532–4,CR

Niwaya K. *see* Saito, Nakatani, & others. 2007;83:140–5*

Nobili E. *see* Andreini, Pontone, & others. 2007;83:1672–8*

Noguchi T. *see* Nakayama, Tanaka, & Noguchi. 2007;83:685–7,CR

Noirhomme P. *see* Chiappini, Absil, & others. 2007;83:1285–9*

Noirhomme P. *see* Jeanmart, de Kerchove, & others. 2007;83:S746–751*

Nölke L. The lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome. Reply. 2007;83:727–8,CP

Nölke L. *see* Alphonso, Anagnostopoulos, & others. 2007;83:1472–6*

Nölke L. *see* Anagnostopoulos, Alphonso, & others. 2007;83:1458–62*

Nomdedeu B. *see* Bernabeu, Josa, & others. 2007;83:1537–8,CR

Nomori H. *see* Ikeda, Nomori, & others. 2007;83:1199–201,CR

Nomori H. *see* Kaji, Nomori, & others. 2007;83:312–4,CR

Nomoto T. *see* Kai, Okabayashi, & others. 2007;83:1666–71*

Normand S-LT. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Normand S-LT. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Nottin R. *see* Azmoun, Ramadan, & others. 2007;83:2098–102*

Novitzky D. *see* Griep, Haverich, & others. 2007;83:S824–831,DI

Nwakanma L. *see* Kobayashi, Williams, & others. 2007;83:969–78*

Nwakanma LU. *see* Patel, Williams, & others. 2007;83:2017–28*

Nwakanma LU. *see* Williams, Loey, & others. 2007;83:S757–763*

Nwogu CE. *see* Ramnath, Demmy, & others. 2007;83:1831–6*

Oakes RA. *see* Nguyen, Cheng, & others. 2007;83:47–54*

Oba T. *see* Yamazaki, Yoshino, & others. 2007;83:315–7,CR

Obadia J-F. *see* Greffe, Chalabreysse, & others. 2007;83:1541–3,CR

O'Brien S. *see* Haan, Milford-Beland, & others. 2007;83:2103–10*

O'Brien SM, Shahian DM, DeLong ER, Normand S-LT, Edwards FH, Ferraris VA, Haan CK, Rich JB, Shewan CM, Dokholyan RS, Anderson RP, Peterson ED. Quality measurement in adult cardiac surgery: part 2 statistical considerations in composite measure scoring and provider rating. 2007;83:S13–26*

O'Brien SM. *see* Savage, Grab, & others. 2007;83:1002–7*

O'Brien SM. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Oczenski W. *see* Gorlitzer, Grabenwoeger, & others. 2007;83:393–6*

Odegard KC, Zurakowski D, Hornykewycz S, DiNardo JA, Castro RA, Neufeld EJ, Laussen PC. Evaluation of the coagulation system in children with two-ventricle congenital heart disease. 2007;83:1797–804*

Odel JA. Another option for severe caustic oropharyngeal stricture? 2007;83:1579–97,CP

Odim J. *see* Cohen, Odim, & others. 2007;83:S780–784*

Oehlinger A, Bonaros N, Schachner T, Ruetzler E, Friedrich G, Laufer G, Bonatti J. Robotic endoscopic left internal mammary artery harvesting: what have we learned after 100 cases? 2007;83:1030–4*

Oehlinger A. *see* Schachner, Feuchtner, & others. 2007;83:1361–7*

Ogawa J-i. *see* Motoyama, Kitamura, & others. 2007;83:1273–8*

Ogino H. *see* Sasaki, Ogino, & others. 2007;83:S805–810*

Ogus H. *see* Ogus, Basaran, & others. 2007;83:496–501*

Ogus NT, Indelen C, Yildirim T. Pericardial patch augmentation of both anterior and septal leaflets in Ebstein's anomaly. 2007;83:676–8,CR

Ogus TN, Basaran M, Selimoglu O, Yildirim T, Ogus H, Ozcan H, Us aMH. Long-term results of the left anterior descending coronary artery reconstruction with left internal thoracic artery. 2007;83:496–501*

Oh JK. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Oh T. *see* Sakao, Miyamoto, & others. 2007;83:209–15*

Ohtsuka T. *see* Kaji, Nomori, & others. 2007;83:312–4,CR

Oishi Y. *see* Takaseya, Kawara, & others. 2007;83:2050–3*

Okabayashi H. *see* Kai, Okabayashi, & others. 2007;83:1666–71*

Okabayashi H. *see* Nakajima, Kawazoe, & others. 2007;83:1615–20*

Okada Y, Okimoto M, Katsumata M, Takeuchi S. Temporary perfusion for mesenteric ischemia with acute type A aortic dissection. 2007;83:293–4,CR

Okamoto M. *see* Esaki, Koshiji, & others. 2007;83:1024–9*

Okazaki T. *see* Aoyagi, Okazaki, & others. 2007;83:289–91,CR

Okimoto M. *see* Okada, Okimoto, & others. 2007;83:293–4,CR

Okita Y. *see* Horai, Shimokawa, & others. 2007;83:1174–5,CR

Okita Y. *see* Ota, Taketani, & others. 2007;83:1501–7*

Okum EJ. *see* Savage, Grab, & others. 2007;83:1002–7*

Okumura N. *see* Nakagawa, Okumura, & others. 2007;83:204–8*

Okumura S. *see* Satoh, Hoshi, & others. 2007;83:197–203*

Oldfield GS. *see* Matsushita, Huynh, & others. 2007;83:2220–2,CR

Oliveira Dd. *see* Svensson, Blackstone, & others. 2007;83:1067–74*

Oliveira SA. *see* Hueb, Gersh, & others. 2007;83:93–9*

Olson J. *see* Vassiliades, Cosgriff, & others. 2007;83:1508–12,NT

Omo A. *see* Li, Omo, & others. 2007;83:321,IM

Onan B. *see* Sagbas, Akpinar, & others. 2007;83:1724–30*

O'Neill PA. *see* Burack, Kandil, & others. 2007;83:377–82*

Ono M, Goerler H, Boethig D, Westhoff-Bleck M, Hartung D, Breymann T. Valve-sparing operation for aortic root aneurysm late after mustard procedure. 2007;83:2224–6,CR

Onorati F, Cristodoro L, Caroleo S, Esposito A, Amantea B, Santangelo E, Renzulli A. Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization. 2007;83:1016–23*

Oo AY, Conant AR, Chester MR, Dihmis WC, Simpson AWM. Temperature changes stimulate contraction in the human radial artery and affect response to vasoconstrictors. 2007;83:126–33*

Ooi A, Saad RA, Moorjani N. Effective symptomatic relief of hypertrophic pulmonary osteoarthropathy by video-assisted thoracic surgery truncal vagotomy. 2007;83:684–5,CR

Opie SR. *see* Wheatley, Opie, & others. 2007;83:1555,IM

Oral K. *see* Sagbas, Akpinar, & others. 2007;83:1724–30*

O'Regan D. *see* Al-Ruzeh, Mahmoud, & others. 2007;83:355,CP

Orgill DP. *see* Paul, Talbot, & others. 2007;83:1519–21,CR

Orihashi K. *see* Mizukami, Hamamoto, & others. 2007;83:1205,IM

Orlovsky M. *see* Ben-Nun & Orlovsky. 2007;83:383–7*

Orringer MB. *see* DiMusto & Orringer. 2007;83:1993–9*

Orsulak TA. *see* Stulak, Sundt, & others. 2007;83:1319–25*

Orszulak TA. *see* Villavicencio, Sundt, & others. 2007;83:1403–11*

Osawa H. *see* Kuwaki, Kawahara, & others. 2007;83:558–63*

Oshima H. *see* Fujimoto, Guan, & others. 2007;83:648–54,NT

Ota T, Taketani S, Iwai S, Miyagawa S, Furuta M, Hara M, Uchimura E, Okita Y, Sawa Y. Novel method of decellularization of porcine valves using polyethylene glycol and gamma irradiation. 2007;83:1501–7*

Oto T, Levvey BJ, Whitford H, Griffiths AP, Kotsimbos T, Williams TJ, Snell GI. Feasibility and utility of a lung donor score: correlation with early post-transplant outcomes. 2007;83:257–64*

Oyama T. *see* Sakurai, Hada, & Oyama. 2007;83:2197–9,CR

Oyamada S, Kobayashi J, Tagusari O, Niwaya K, Nakajima H, Miyazaki S, Kimura K, Echigo S, Kitamura S. Hybrid therapy for rapid enlargement of hibernating coronary arteriovenous fistulas. 2007;83:1532–4,CR

Ozcan H. *see* Ogus, Basaran, & others. 2007;83:496–501*

Ozhasoglu C. *see* Pennathur, Luketich, & others. 2007;83:1820–5*

Ozkara C. *see* Guler, Ozkara, & others. 2007;83:532–7*

Ozler A. *see* Tarhan, Kehlibar, & others. 2007;83:1867–9,CR

Pachinger O. *see* Schachner, Feuchtner, & others. 2007;83:1361–7*

Pacini D. *see* Settepani, Szeto, & others. 2007;83:S769–773*

Paganelli G. *see* De Pas, de Braud, & others. 2007;83:231–5*

Pagani F. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Pai RM. *see* Kamalakannan, Pai, & others. 2007;83:2081–6*

Palatianos GM, Laczkovics AM, Simon P, Pomar JL, Birnbaum DE, Greve HH, Haverich A. Multicentered European study on safety and effectiveness of the On-X prosthetic heart valve: intermediate follow-up. 2007;83:40–6*

Palmer G, Herbert MA, Prince SL, Williams JL, Magee MJ, Brown P, Katz M, Mack MJ. Coronary artery revascularization (care) registry: an observational study of on-pump and off-pump coronary artery revascularization. 2007;83:986–92*

Pan T. *see* Li, Omo, & others. 2007;83:321,IM

Panagiotopoulos N. *see* Pousios, Panagiotopoulos, & Piyis. 2007;83:1900,IM

Pancaroglu C. *see* Tarhan, Kehlibar, & others. 2007;83:1867–9,CR

Pandian MS. *see* Kavunkal, Pandian, & others. 2007;83:310–2,CR

Panesar S. *see* Warren, Mandal, & others. 2007;83:707–14,CV

Panos A, Kalakonas S, Chouliaras E, Khatchatourov G. One-stage repair with a new integrated stent-dacron prosthesis for type b aortic dissection. 2007;83:1535–6,CR

Papahristou D. *see* Tomos, Karaikos, & others. 2007;83:703–4,HW

Pappalardo F. *see* Castiglioni, Verzini, & others. 2007;83:586–91*

Parimelazagan KN. *see* Kavunkal, Pandian, & others. 2007;83:310–2,CR

Park I. *see* Seo, Shin, & others. 2007;83:2248–50,HW

Park J. *see* Seo, Shin, & others. 2007;83:2248–50,HW

Park SJ. *see* Klodell, Morey, & others. 2007;83:68–71,DI

Parker RA. *see* McCully, Rousou, & others. 2007;83:1102–9*

Parmar R. *see* Nayar, Parmar, & others. 2007;83:1884–6,CR

Parolari A, Naliato M, Loardi C, Denti P, Trezzi M, Zanobini M, Porqueddu M, Roberto M, Kassem S, Alamanni F, Tremoli E, Biglioli P. Surgery of left ventricular aneurysm: a meta-analysis of early outcomes following different reconstruction techniques. 2007;83:2009–16*

Parolari A. *see* Andreini, Pontone, & others. 2007;83:1672–8*

Pasic M. *see* Knosalla, Weng, & others. 2007;83:1691–6*

Pasic M. *see* Koster, Huebler, & others. 2007;83:72–6*

Pasque MK. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*

Pasque MK. *see* Kaiser, Melby, & others. 2007;83:30–5*

Pasque MK. *see* Melby, Zierer, & others. 2007;83:1651–7*

Pasque MK. *see* Zierer, Melby, & others. 2007;83:1684–90*

Pasque MK. *see* Zierer, Moon, & others. 2007;83:2122–9*

Passage J, Joshi P, Mullany DV. Acute cholecystitis complicating cardiac surgery: case series involving more than 16,000 patients. 2007;83:1096–101*

Patel HJ, Shillingford MS, Williams DM, Upchurch GR Jr, Dasika NL, Prager RL, Deeb GM. Survival benefit of endovascular descending thoracic aortic repair for the high-risk patient. 2007;83:1628–34*

Patel ND, Williams JA, Nwakanma LU, Weiss ES, Conte JV. Impact of lateral wall myocardial infarction on outcomes after surgical ventricular restoration. 2007;83:2017–28*

Patel ND. *see* Williams, Loeys, & others. 2007;83:S757–763*

Patris K. *see* Kotoulas, Patris, & others. 2007;83:1524–6,CR

Patti G. *see* Chello, Anselmi, & others. 2007;83:1374–80*

Patwardhan AM. *see* Hamdulay, Kumar, & others. 2007;83:2222–4,CR

Paul S, Jain SH, Gallegos RP, Aranki SF, Bueno R. Functional Paraganglioma of the Middle Mediastinum 2007;83:e14–5,RV

Paul S, Raja S, Su S, Fontaine JP, Zellos L, Sugarbaker DJ. Unusual case of hemoptysis 13 years after bilobectomy. 2007;83:1188–90,CR

Paul S, Talbot SG, Carty M, Orgill DP, Zellos L. Bronchopleural fistula repair during clagett closure utilizing a collagen matrix plug. 2007;83:1519–21,CR

Paul-Kislin L. *see* Berman, Saute, & others. 2007;83:295–8,CR

Paulopoulos D. *see* Tomos, Karaikos, & others. 2007;83:703–4,HW

Payne K. *see* Ikonomidis, Hilton, & others. 2007;83:2153–61*

Pearl JM. *see* Baird, Zurakowski, & others. 2007;83:912–20,DI

Pedersen AK. *see* Lukac, Hjortdal, & others. 2007;83:77–82*

Pedersen AK. *see* Lukac, Hjortdal, & others. 2007;83:1717–23*

Peeler BB. *see* Fedoruk, Tribble, & others. 2007;83:2029–35*

Pekkan K. *see* Soerensen, Pekkan, & others. 2007;83:2182–90*

Pellegrini C. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Pellerin M. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279–84*

Pelosi G, Rosai J. Prognostic significance of a histologic subtype in small adenocarcinoma of the lung: the impact of nonbronchioloalveolar carcinoma components. 2007;83:214–5,IC

Peltier M. *see* Remadi, Habib, & others. 2007;83:1295–302*

Peng D-R. *see* Jin, Zhou, & others. 2007;83:2066–73*

Peng EWK, McKillop G, Prasad S, Walker WS. Septic arthritis of the manubriosternal joint. 2007;83:1190–4,CR

Penn O. *see* Botman, Post, & Penn. 2007;83:490–5*

Penn O. *see* Botman, Schonberger, & others. 2007;83:2093–7*

Pennathur A, Luketich JD, Burton S, Abbas G, Heron DE, Fernando HC, Gooding WE, Ozhasoglu C, Ireland J, Landreneau RJ, Christie NA. Stereotactic radiosurgery for the treatment of lung neoplasm: initial experience. 2007;83:1820–5*

Pennington DG. *see* Gandhi, Canter, & others. 2007;83:169–72,DI

Penugonda SP. *see* Allen, McBride, & others. 2007;83:578–85*

Pepi M. *see* Andreini, Pontone, & others. 2007;83:1672–8*

Pepper JR. Carpentier-edwards perimount magna valve versus medtronic hancock ii: a matched hemodynamic comparison. 2007;83:2058–9,IC

Pereira AC. *see* Hueb, Gersh, & others. 2007;83:93–9*

Perez-Tamayo RA. *see* Savage, Grab, & others. 2007;83:1002–7*

Perrault LP. Regulation of human internal mammary and radial artery contraction by extracellular and intracellular calcium channels and cyclic adenosine 3', 5' monophosphate. 2007;83:515–6,IC

Perrault LP. *see* Mommerot & Perrault. 2007;83:132–3,IC

Perrault LP. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279–84*

Person T. *see* Hickey, Karamlou, & others. 2007;83:895–901,AP

Peterman MA, Hamman BL, Schussler JM. 64-slice ct angiography of saphenous vein graft anastomoses fashioned with interrupted nitinol clips. 2007;83:1204,IM

Petersen C. *see* Metzelder, Kuebler, & others. 2007;83:1844–9*

Petersen RP, Pham D, Burfeind WR, Hanish SI, Toloza EM, Harpole DH Jr, D'Amico TA. Thoracoscopic lobectomy facilitates the delivery of chemotherapy after resection for lung cancer. 2007;83:1245–50*

Peterson ED. *see* Cowper, DeLong, & others. 2007;83:100–7*

Peterson ED. *see* Goyal, Alexander, & others. 2007;83:993–1001*

Peterson ED. *see* Haan, Milford-Beland, & others. 2007;83:2103–10*

Peterson ED. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Peterson ED. *see* Savage, Grab, & others. 2007;83:1002–7*

Peterson ED. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Peterson MD, Borger MA, Feindel CM, David TE. Aortic annular enlargement during aortic valve replacement: improving results with time. 2007;83:2044–9*

Pethig K. *see* Krieg, Lapp, & others. 2007;83:1539–41,CR

Petrella F. *see* Spaggiari, Leo, & others. 2007;83:223–30*

Pettersson BG. *see* Atik, Navia, & others. 2007;83:526–31*

Petullà M. *see* Antona, Vanelli, & others. 2007;83:1158–61,NT

Pfannschmidt J. Oligometastatic non small cell lung cancer: a multidisciplinary approach in the positron emission tomographic scan era. 2007;83:234–5,IC

Pfisterer M. *see* Matt, Zerkowski, & others. 2007;83:320,IM

Pham D. *see* Petersen, Pham, & others. 2007;83:1245–50*

Pham HQ. *see* Carrick, Pham, & others. 2007;83:1554,IM

Philip MA. *see* Kavunkal, Pandian, & others. 2007;83:310–2,CR

Philip MA. *see* Stephen, Kuruvila, & others. 2007;83:1175–7,CR

Phillips AS. *see* Allen, McBride, & others. 2007;83:578–85*

Piacentini G. *see* Carotti, Piacentini, & Marino. 2007;83:2262,CP

Pierre L. *see* Steen, Ingemansson, & others. 2007;83:2191–5,NT

Pierson RN III. *see* Feller, Sorensen, & others. 2007;83:1082–8*

Pigula F. *see* Larrazabal, del Nido, & others. 2007;83:179–84*

Pigula FA. *see* Baig, Nassar, & others. 2007;83:1477–83,DI

Pigula FA. *see* Baird, Zurakowski, & others. 2007;83:912–20*

Pijls N. *see* Botman, Schonberger, & others. 2007;83:2093–7*

Pilling JE, Nicholson AG, Harmer C, Goldstraw P. Prolonged survival due to spontaneous regression and surgical excision of malignant mesothelioma. 2007;83:314–5,CR

Pirotte M. *see* Bachet, Pirotte, & others. 2007;83:1610–4*

Pirundini PA, Lilly KJ, Rizzo RJ. Surgical pitfalls of the quadrupedal aortic valve. Reply. 2007;83:1581,CP

Piyis A. *see* Pousios, Panagiotopoulos, & Piyis. 2007;83:1900,IM

Pizarro C. Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery. 2007;83:1471,IC

Pizza F. *see* del Genio, del Genio, & others. 2007;83:2235–8,HW

Planché C. *see* Roussin, Belli, & others. 2007;83:173–8*

Plass A, Grünenfelder J, Reuthebuch O, Vachauer R, Gauer J-M, Zünd G, Genoni M. New transverse plate fixation system for complicated sternal wound infection after median sternotomy. 2007;83:1210–2,HW

Plestis KA. *see* Spielvogel, Coselli, & others. 2007;83:S890–892*

Pocar M, Moneta A, Grossi A. Coronary artery bypass for heart failure in ischemic cardiomyopathy: 17-year follow-up. 2007;83:468–74*

Podzolkov VP. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Pokorny JJ. *see* Cowper, DeLong, & others. 2007;83:100–7*

Poldermans D. *see* Feringa, Shaw, & others. 2007;83:564–71*

Polkey M. *see* Jordan, Polkey, & Goldstraw. 2007;83:1139,IC

Pomar JL. *see* Palatianos, Laczkovics, & others. 2007;83:40–6*

Pompeo E. Flexible videopericardioscopy in ct4 nonsmall-cell lung cancer with radiologic evidence of proximal vascular invasion. 2007;83:402–8*

Pompeo E. *see* Mineo, Ambrogi, & others. 2007;83:1978–85*

Poncelet A. *see* Chiappini, Absil, & others. 2007;83:1285–9*

Pontone G. *see* Andreini, Pontone, & others. 2007;83:1672–8*

Porat E. *see* Berman, Saute, & others. 2007;83:295–8,CR

Porat EE. *see* Estrera, Miller, & others. 2007;83:S842–845*

Porqueddu M. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Port JL, Korst RJ, Lee PC, Kansler AL. Surgical resection for multifocal (t4) non-small cell lung cancer: is the t4 designation valid? 2007;83:397–401*

Porte H. *see* Conti, Robin, & others. 2007;83:1924,CP

Post H. *see* Botman, Post, & Penn. 2007;83:490–5*

Post JC. *see* Smulders, Holverda, & others. 2007;83:1986–92*

Postmus PE. *see* Smulders, Holverda, & others. 2007;83:1986–92*

Poston RS. *see* Palmer, Herbert, & others. 2007;83:986–92,DI

Poston RS. *see* Vassiliades, Reddy, & others. 2007;83:979–85,DI

Potapov E. *see* Koster, Huebler, & others. 2007;83:72–6*

Poulos DM. *see* Incorvaia, Poulos, & others. 2007;83:283–4,CR

Pousios D, Panagiotopoulos N, Piyis A. Congenital sternal cleft in an adult male not associated with cardiac defects or ectopia cordis. 2007;83:1900,IM

Pradeep KK. *see* Dixit, Pradeep, & others. 2007;83:1580,CP

Prager RL. *see* Patel, Shillingford, & others. 2007;83:1628–34*

Pragliola C, Altamura L, Niccoli G, Siviglia M, De Paulis S. Postoperative coronary artery spasm complicating aortic valve replacement: implications for identification and treatment. 2007;83:670–2,CR

Pramesh CS. Ischemic preconditioning of the gastric conduit prior to esophageal resection. 2007;83:728,CP

Prasad S. *see* Peng, McKillop, & others. 2007;83:1190–4,CR

Prechtel EJ. *see* Ishii, Kronengold, & others. 2007;83:517–25*

Prêtre R. *see* Aellig, Balmer, & others. 2007;83:1420–4*

Prêtre R. *see* Dodge-Khatami, Backer, & others. 2007;83:2230–2,CR

Prêtre R. *see* Dodge-Khatami, Knirsch, & others. 2007;83:902–6*

PREVENT IV Investigators t. *see* Goyal, Alexander, & others. 2007;83:993–1001*

Price J, Rubens F, Bell M. Elastic device facilitating delayed primary closure of sternal wound infection. 2007;83:1162–5,NT

Price JF. *see* Rossano, Smith, & others. 2007;83:606–12*

Prince S. *see* Magee, Herbert, & others. 2007;83:1707–12*

Prince SL. *see* Palmer, Herbert, & others. 2007;83:986–92*

Pritisanac A. *see* Gulbins, Pritisanac, & Ennker. 2007;83:1219–24,CV

Prodan Z. *see* Höller, Schreiber, & others. 2007;83:2169–75*

Prodan Z. *see* Schreiber, Prodan, & others. 2007;83:1231,CP

Puga FJ. *see* Villavicencio, Sundt, & others. 2007;83:1403–11*

Puma F. *see* Santoprete, Ragusa, & others. 2007;83:1526–8,CR

Purkayastha S. *see* Jones, Athanasiou, & others. 2007;83:341–8,CV

Puskas J, Lin E, Bailey D, Guyton R. Thoracoscopic radiofrequency pulmonary vein isolation and atrial appendage occlusion. 2007;83:1870–2,CR

Puskas JD. *see* Palmer, Herbert, & others. 2007;83:986–92,DI

Puskas JD. *see* Vassiliades, Reddy, & others. 2007;83:979–85*

Putnam JB. *see* DiMusto & Orringer. 2007;83:1993–9,DI

Putnam JB Jr. Preoperative serum carcinoembryonic antigen level is a prognostic factor in women with early non-small-cell lung cancer. 2007;83:424,IC

Putzu C. *see* De Pas, de Braud, & others. 2007;83:231–5*

Quick G Jr. *see* Baig, Nassar, & others. 2007;83:1477–83*

Rabaeus M. *see* Reverdin & Rabaeus. 2007;83:696,IM

Rabbani G, Vijay V, Sarabu MR. Regulation of human internal mammary and radial artery contraction by extracellular and intracellular calcium channels and cyclic adenosine 3', 5' monophosphate. 2007;83:510–6*

Radermecker MA, Lancellotti P. The mechanisms of chronic ischemic mitral regurgitation. 2007;83:1919–20,CP

Radice D. *see* Spaggiari, Leo, & others. 2007;83:223–30*

Radley-Smith RC. *see* George, Birks, & others. 2007;83:306–8,CR

Raff GW. *see* Alphonso, Anagnostopoulos, & others. 2007;83:1472–6*

Raff GW. *see* Anagnostopoulos, Alphonso, & others. 2007;83:1458–62*

Raghupathy A. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Ragusa M. *see* Santoprete, Ragusa, & others. 2007;83:1526–8,CR

Rahn M. *see* Aellig, Balmer, & others. 2007;83:1420–4*

Raja S. *see* Paul, Raja, & others. 2007;83:1188–90,CR

Rakhorst G. *see* Huybrechts, Morariu, & others. 2007;83:1760–7*

Rama A, Rubin S, Bonnet N, Gandjbakhch I. New technique of aortic root reconstruction with aortic valve annuloplasty in ascending aortic aneurysm. 2007;83:1908–10,HW

Ramadan R. *see* Azmoun, Ramadan, & others. 2007;83:2098–102*

Ramdat Misier AR. *see* Sie & Ramdat Misier. 2007;83:1324–5,IC

Ramires JAF. *see* Hueb, Gersh, & others. 2007;83:93–9*

Ramírez J. *see* Bernabeu, Josa, & others. 2007;83:1537–8,CR

Ramnath N, Demmy TL, Antun A, Natarajan N, Nwogu CE, Loewen GM, Reid ME. Pneumonectomy for bronchogenic carcinoma: analysis of factors predicting survival. 2007;83:1831–6*

Rampoldi V, Trimarchi S, Eagle KA, Nienaber CA, Oh JK, Bossone E, Myrmel T, Sangiorgi GM, De Vincentiis C, Cooper JV, Fang J, Smith D, Tsai T, Raghupathy A, Fattori R, Sechtem U, Deeb MG, Sundt TM III, Isselbacher EM. Simple risk models to predict surgical mortality in acute

type a aortic dissection: the international registry of acute aortic dissection score. 2007;83:55–61*

Rana SS, Swami N, Mehta S, Singh J, Biswal S. Intrapulmonary teratoma: an exceptional disease. 2007;83:1194–6,CR

Rand T. *see* Schoder, Czerny, & others. 2007;83:1059–66*

Rankin JS, Tuttle RH, Wechsler AS, Teichmann TL, Glower DD, Califf RM. Techniques and benefits of multiple internal mammary artery bypass at 20 years of follow-up. 2007;83:1008–15*

Ranucci M, Bellucci C, Conti D, Cazzaniga A, Maugeri B. Determinants of early discharge from the intensive care unit after cardiac operations. 2007;83:1089–95*

Rao C. *see* Jones, Athanasiou, & others. 2007;83:341–8,CV

Rapoport HS. *see* Clark-Greuel, Connolly, & others. 2007;83:946–53*

Rassoulian D. *see* Sodian, Weber, & others. 2007;83:1854–7,NT

Rastan AJ. *see* Battellini, Rastan, & others. 2007;83:1206–9,HW

Ravichandran PS. *see* Slater, Komanapalli, & others. 2007;83:2074–80*

Rawet V. *see* Andrade Neto, Terra, & others. 2007;83:2196–7,CR

Razzouk AJ. *see* Asano, Razzouk, & others. 2007;83:1774–80*

Rector T. *see* Adabag, Rector, & others. 2007;83:1744–50*

Reddy VS. *see* Vassiliades, Reddy, & others. 2007;83:979–85*

Reece TB. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Reeves S. *see* Ikonomidis, Hilton, & others. 2007;83:2153–61*

Refai M. *see* Brunelli, Refai, & others. 2007;83:1134–9*

Reichart B. *see* Sodian, Weber, & others. 2007;83:1854–7,NT

Reid ME. *see* Ramnath, Demmy, & others. 2007;83:1831–6*

Reisfeld R. One-year follow-up after thoracoscopic sympathectomy for hyperhidrosis. 2007;83:358–9,CP

Reiss N, Schuett U, Kemper M, Bairaktaris A, Koerfer R. New method for sternal closure after vacuum-assisted therapy in deep sternal infections after cardiac surgery. 2007;83:2246–7,HW

Remadi JP, Habib G, Nadji G, Brahim A, Thuny F, Casalta JP, Peltier M, Tribouilloy C. Predictors of death and impact of surgery in *staphylococcus aureus* infective endocarditis. 2007;83:1295–302*

Renlund DG. *see* Drakos, Kfoury, & others. 2007;83:62–7*

Renzulli A. *see* Onorati, Cristodoro, & others. 2007;83:1016–23*

Reuthebuch O. *see* Plass, Grünenfelder, & others. 2007;83:1210–2,HW

Reverdin S, Rabaeus M. Large valsalva sinus aneurysm simulating an interatrial septum mass. 2007;83:696,IM

Ricci D. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Ricci M. *see* Roussin, Belli, & others. 2007;83:173–8,DI

Ricci M. *see* Salerno. 2007;83:2086,IC

Rice C. *see* Fehrenbacher, Hart, & others. 2007;83:1041–6*

Rice D. *see* Roberts, , & others. 2007;83:388–92,DI

Rice DC. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Rich JB. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Rich JB. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Richmond GJ. *see* Thors, Guarneri, & others. 2007;83:2207–10,CR

Rieders D. *see* Shandling, Rieders, & Bethencourt. 2007;83:300–2,CR

Ries AL. *see* Stoller, Gildea, & others. 2007;83:241–51*

Riess F-C, Bader R, Cramer E, Hansen L, Kleijnen B, Wahl G, Wallrath J, Winkel S, Bleese N. Hemodynamic performance of the medtronic mosaic porcine bioprosthesis up to ten years. 2007;83:1310–8*

Rigler B. *see* Knez & Rigler. 2007;83:1690,IC

Riley CA. *see* Mitchell, Riley, & Vahid. 2007;83:1172–4,CR

Rinaldi M. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Rinder CS, Smith MJ, Rinder HM, Cortright DN, Brodbeck RM, Krause JE, Smith BR. Leukocyte effects of c5a-receptor blockade during simulated extracorporeal circulation. 2007;83:146–52*

Rinder HM. *see* Rinder, Smith, & others. 2007;83:146–52*

Rinelli G. *see* Brancaccio, Amodeo, & others. 2007;83:619–21*

Rivera EA. *see* Ishii, Kronengold, & others. 2007;83:517–25*

Rizoli S. *see* Chughtai, Sharkey, & others. 2007;83:1234–5,CP

Rizzo N. *see* Melloni, Cremona, & others. 2007;83:1946–51*

Rizzo RJ. *see* Pirundini, Lilly, & Rizzo. 2007;83:1581,CP

Robb MacLellan W. *see* Schenke-Layland, Xie, & others. 2007;83:1641–50*

Roberto M. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Roberts JR. Recurrent laryngeal nerve monitoring during mediastinoscopy: predictors of injury. 2007;83:388–92*

Roberts N, Xiao Q, Weir G. Endothelial progenitor cells are mobilized after cardiac surgery. 2007;83:598–605*

Robin E. *see* Conti, Robin, & others. 2007;83:1924,CP

Robinson B. *see* Baird, Zurakowski, & others. 2007;83:912–20*

Rodefeld M. *see* Fiore, Turrentine, & others. 2007;83:622–30*

Rodefeld MD, Ruzmetov M, Vijay P, Fiore AC, Turrentine MW, Brown JW. Surgical results of arterial switch operation for taussig-bing anomaly: is position of the great arteries a risk factor? 2007;83:1451–7*

Rodefeld MD. *see* Brown, Ruzmetov, & others. 2007;83:1781–9*

Rodler S. *see* Czerny, Grimm, & others. 2007;83:450–5*

Rodler S. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Rodrigues AJ, Évora PRB, Bassetto S, Luciano PM, Alves L Jr, Filho AS, Vicente WVdA. Efficacy and safety of aprotinin use for reoperative valvular surgery. 2007;83:2060–5*

Rodriguez F. *see* Nguyen, Cheng, & others. 2007;83:47–54*

Rodriguez I. *see* García-Fuster, Estornell, & others. 2007;83:1901,IM

Roentgen P. *see* Tutarel, Roentgen, & Westhoff-Bleck. 2007;83:1581,CP

Røislien J. *see* Bergsland, Kabil, & others. 2007;83:462–7*

Rolman RM III. *see* Davies, Coe, & others. 2007;83:1593–602,DI

Romijn HWA. *see* Huybrechts, Morariu, & others. 2007;83:1760–7*

Roofthooft MTR, Bergman KA, Waterbol TW, Ebels T, Bartelds B, Berger RMF. Persistent pulmonary hypertension of the newborn with transposition of the great arteries. 2007;83:1446–50*

Rosai J. *see* Pelosi & Rosai. 2007;83:214–5,IC

Roscitano A. *see* Benedetto, Melina, & others. 2007;83:83–8*

Roscitano A. *see* Capuano, Bianchini, & others. 2007;83:2215–6,CR

Rose F. *see* Ali, Halstead, & others. 2007;83:2162–8*

Roshanali F. *see* Yousefnia, Mandegar, & others. 2007;83:958–63*

Rossano JW, Smith EO, Fraser CD Jr, McKenzie ED, Chang AC, Hemingway A, Price JF, Dickerson HA. Adults undergoing cardiac surgery at a children's hospital: an analysis of perioperative morbidity. 2007;83:606–12*

Rossetti G. *see* del Genio, del Genio, & others. 2007;83:2235–8,HW

Rossi M. *see* Bianchini, Melina, & others. 2007;83:2213–4,CR

Roszman MD. *see* Kreider, Hansen-Flaschen, & others. 2007;83:1140–5*

Roth JA. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Rougui I. *see* Jeanmart, de Kerchove, & others. 2007;83:S746–751*

Rousou AJ. *see* McCully, Rousou, & others. 2007;83:1102–9*

Rousou JA, Alameddine AK, Yang C. A "double overlap" suture technique for the proximal attachment of a composite graft to the aortic annulus. 2007;83:1906–7,HW

Roussin R, Belli E, Bruniaux J, Demontoux S, Touchot A, Planché C, Serraf A. Surgery for transposition of the great arteries in neonates weighing less than 2,000 grams: a consecutive series of 25 patients. 2007;83:173–8*

Rousson V. *see Dodge-Khatami, Knirsch, & others.* 2007;83:902-6*

Royston BD. *see Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others.* 2007;83:S27-86*

Rubay J. *see Chiappini, Absil, & others.* 2007;83:1285-9*

Rubay J. *see Chiappini, Barrea, & Rubay.* 2007;83:185-7*

Rubay J. *see Vida, Berggren, & others.* 2007;83:161-8*

Rubens F. *see Price, Rubens, & Bell.* 2007;83:1162-5,NT

Rubens FD, Bourke M, Hynes M, Nicholson D, Kotrec M, Boodhwani M, Ruel M, Dennie CJ, Mesana T. Surgery for chronic thromboembolic pulmonary hypertension inclusive experience from a national referral center. 2007;83:1075-81*

Rubens FD. *see Kulik, Rubens, & others.* 2007;83:502-9*

Rubin HP. *see Sugimura, Nichols, & others.* 2007;83:409-18,DI

Rubin S. *see Aubert, Flecher, & others.* 2007;83:1560-1,HW

Rubin S. *see Rama, Rubin, & others.* 2007;83:1908-10,HW

Rüdiger L. *see Schreiber, Prodán, & others.* 2007;83:1231,CP

Ruel M. *see Mesana, Ibrahim, & others.* 2007;83:322-3,HW

Ruel M. *see Rubens, Bourke, & others.* 2007;83:1075-81*

Ruetzler E. *see Oehlinger, Bonaros, & others.* 2007;83:1030-4*

Ruffato A. *see Mattioli, Ruffato, & others.* 2007;83:1814-9*

Rusca M. *see Bobbio, Vescovi, & others.* 2007;83:1197-9,CR

Rusk R. *see Ali, Halstead, & others.* 2007;83:2162-8*

Russo G. *see del Genio, del Genio, & others.* 2007;83:2235-8,HW

Russo MJ. *see Bardakci, Cheema, & others.* 2007;83:483-9*

Rutsch W. *see Gabbieri, Dohmen, & others.* 2007;83:1166-8,CR

Ruvolo G. *see Fattouch, Bianco, & others.* 2007;83:1902-3,HW

Ruzmetov M. *see Brown, Ruzmetov, & others.* 2007;83:1781-9*

Ruzmetov M. *see Rodefeld, Ruzmetov, & others.* 2007;83:1451-7*

Ryan WH. *see Magee, Herbert, & others.* 2007;83:1707-12*

Saad RA. *see Ooi, Saad, & Moorjani.* 2007;83:684-5,CR

Sabbatini A. *see Brunelli, Refai, & others.* 2007;83:1134-9*

Sachdeva R, Fiser RT, Morrow WR, Cava JR, Ghanayem NS. Ruptured tricuspid valve papillary muscle: a treatable cause of neonatal cyanosis. 2007;83:680-2,CR

Sadiq A, Shyamkrishnan KG, Theodore S, Gopalakrishnan S, Tharakan JM, Karunakaran J. Long-term functional assessment after correction of tetralogy of Fallot in adulthood. 2007;83:1790-6*

Safi HJ, Miller CC III, Estrera AL, Villa MA, Goodrick JS. Optimization of aortic arch replacement: two-stage approach. 2007;83:S815-818*

Safi HJ. *see Estrera, Miller, & others.* 2007;83:1603-9*

Safi HJ. *see Griep, Haverich, & others.* 2007;83:S824-831*

Sagbas E, Akpinar B, Sanisoglu I, Caynak B, Tamtekin B, Oral K, Onan B. Video-assisted bilateral epicardial pulmonary vein isolation for the treatment of lone atrial fibrillation. 2007;83:1724-30*

Sagie A. *see Fritzsche, Eitz, & others.* 2007;83:542-8*

Saha SP. *see Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others.* 2007;83:S27-86*

Sahin M. *see Guler, Ozkara, & others.* 2007;83:532-7*

Said SAM, de Voogt WG, Hamad MS, Schonberger J. Surgical treatment of bilateral aneurysmal coronary to pulmonary artery fistulas associated with severe atherosclerosis. 2007;83:291-3,CR

Sairanen H. *see Vida, Berggren, & others.* 2007;83:161-8*

Saito H. *see Motoyama, Kitamura, & others.* 2007;83:1273-8*

Saito R. *see Motoyama, Kitamura, & others.* 2007;83:1273-8*

Saito S, Nakatani T, Kobayashi J, Tagusari O, Bando K, Niwaya K, Nakajima H, Miyazaki S, Yagihara T, Kitamura S. Is extracorporeal life support contraindicated in elderly patients? 2007;83:140-5*

Saji Y. *see Morishima, Marui, & others.* 2007;83:287-8,CR

Sakai T. *see Fujimoto, Guan, & others.* 2007;83:648-54,NT

Sakao Y, Miyamoto H, Sakuraba M, Oh T, Shiomi K, Sonobe S, Izumi H. Prognostic significance of a histologic subtype in small adenocarcinoma of the lung: the impact of nonbronchioloalveolar carcinoma components. 2007;83:209-15*

Sakata R. *see Esaki, Koshiji, & others.* 2007;83:1024-9*

Sakuraba M. *see Sakao, Miyamoto, & others.* 2007;83:209-15*

Sakurai H, Hada M, Oyama T. Nodular lymphoid hyperplasia of the lung: a very rare disease entity. 2007;83:2197-9,CR

Salati M. *see Brunelli, Refai, & others.* 2007;83:1134-9*

Salerno D, Vahid B, Marik PE. Methicillin-resistant *staphylococcus aureus* pneumonia after thoracic surgery: successful treatment with linezolid after failed vancomycin therapy. 2007;83:1888-91,CR

Salerno T, Ricci M. Epidemiology and clinical outcomes of infective endocarditis in hemodialysis patients. 2007;83:2086,IC

Salerno TA. *see Wang, Liu, & others.* 2007;83:1751-9*

Sampognaro R. *see Fattouch, Bianco, & others.* 2007;83:1902-3,HW

Samuels LE, Holmes EC, Hagan K, Boova RS, Janzer S, Kocovic D. Cardiogenic shock: collaboration between cardiac surgery and cardiology subspecialties to bridge to recovery. 2007;83:1863-4,CR

Sanchez E, Alados P, Zurera L, Canis M, Muñoz I, Casares J. Bronchial artery aneurysm treated with aortic stent graft and fibrin sealant. 2007;83:693-5,CR

Sanders SP. *see Brancaccio, Amodeo, & others.* 2007;83:619-21*

Sangiorgi GM. *see Rampoldi, Trimarchi, & others.* 2007;83:55-61*

Sanisoglu I. *see Sagbas, Akpinar, & others.* 2007;83:1724-30*

Santangelo E. *see Onorati, Cristodoro, & others.* 2007;83:1016-23*

Santoprete S, Ragusa M, Urbani M, Puma F. Shock induced by spontaneous rupture of a giant thymoma. 2007;83:1526-8,CR

Sapin E. *see Zamfir, Vernet, & others.* 2007;83:2228-30,CR

Sarabu MR. *see Rabbani, Vijay, & Sarabu.* 2007;83:510-6*

Saravolatz LD. *see Kamalakannan, Pai, & others.* 2007;83:2081-6*

Sarraj A. Adjustable segmental tricuspid annuloplasty: a new modified technique. 2007;83:698-9,HW

Sarris G. *see Vida, Berggren, & others.* 2007;83:161-8*

Sartipy U, Albåge A, Lindblom D. Improved health-related quality of life and functional status after surgical ventricular restoration. 2007;83:1381-8*

Sartipy U, Albåge A, Mattsson E, Lindblom D. Edge-to-edge mitral repair without annuloplasty in combination with surgical ventricular restoration. 2007;83:1303-9*

Sasaki H, Ogino H, Matsuda H, Minatoya K. Integrated total arch replacement using selective cerebral perfusion: a 6-year experience. 2007;83:S805-810*

Sasaki H. *see Griep, Haverich, & others.* 2007;83:S824-831*

Sastray A. *see Ali, Devbhandari, & others.* 2007;83:302-4,CR

Sato H. *see Gojo, Kyo, & others.* 2007;83:661-2,CR

Sato S. *see Itagaki, Kikura, & Sato.* 2007;83:2147-52*

Sato Y. *see Motoyama, Kitamura, & others.* 2007;83:1273-8*

Satoh Y, Hoshi R, Ishikawa Y, Horai T, Okumura S, Nakagawa K. Recurrence patterns in patients with early stage non-small cell lung cancers undergoing positive pleural lavage cytology. 2007;83:197-203*

Saute M. *see Berman, Saute, & others.* 2007;83:295-8,CR

Savage EB, Grab JD, O'Brien SM, Ali A, Okum EJ, Perez-Tamayo RA, Eiferman DS, Peterson ED, Edwards FH, Higgins RSD. Use of both internal thoracic arteries in diabetic

patients increases deep sternal wound infection. 2007;83:1002-7*

Savage EB. *see* Davies, Coe, & others. 2007;83:1593-602,DI

Savel RH. *see* Yopp, Eckstein, & others. 2007;83:1897-9,CR

Sawa Y. *see* Hata, Takano, & others. 2007;83:1621-7*

Sawa Y. *see* Ota, Taketani, & others. 2007;83:1501-7*

Sawaki S. *see* Eda, Matuura, & others. 2007;83:2219-20,CR

Sawaqeq R. *see* Bacha & Sawaqeq. 2007;83:1566-8,HW

Sawas A. *see* Burack, Kandil, & others. 2007;83:377-82*

Saxena P, Kejriwal N, Newman MAJ. Use of flexible silastic drains in thoracic surgery: a word of caution. 2007;83:2258-9,CP

Sayin OA. *see* Ugurlucan, Surmen, & others. 2007;83:356-7,CP

Sbraga F. *see* Fattouch, Bianco, & others. 2007;83:1902-3,HW

Schachner T, Feuchtner GM, Bonatti J, Bonaros N, Oehlinger A, Gassner E, Pachinger O, Friedrich G. Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography. 2007;83:1361-7*

Schachner T. *see* Oehlinger, Bonaros, & others. 2007;83:1030-4*

Schäfers H-J, Aicher D. Preservation of the bicuspid aortic valve. 2007;83:S740-745*

Schäfers H-J. *see* Aicher, Urbich, & others. 2007;83:1290-4*

Schäfers H-J. *see* Miller, Cameron, & others. 2007;83:S785-790*

Schaff HV. *see* Dhareshwar, Zehr, & Schaff. 2007;83:1562-3,HW

Schaff HV. *see* Stulak, Sundt, & others. 2007;83:1319-25*

Schaff HV. *see* Villavicencio, Sundt, & others. 2007;83:1403-11*

Schalij MJ. *see* Henkens, van Straten, & others. 2007;83:907-11*

Scharfschwerdt M, Sievers H-H, Greggersen J, Hanke T, Misfeld M. Prosthetic replacement of the ascending aorta increases wall tension in the residual aorta. 2007;83:954-7*

Scheld HH. *see* Etz, Welp, & others. 2007;83:1697-706*

Schenke-Layland K, Stock UA. Can cryopreservation destroy the extracellular matrix of pulmonary allografts? Reply. 2007;83:1921-2,CP

Schenke-Layland K, Xie J, Heydarkhan-Hagvall S, Hamm-Alvarez SF, Stock UA, Brockbank KGM, Robb MacLellan W. Optimized preservation of extracellular matrix in cardiac tissues: implications for long-term graft durability. 2007;83:1641-50*

Schepens M. *see* Spielvogel, Coselli, & others. 2007;83:S890-892*

Schepens MAAM, Kelder JC, Morshuis WJ, Heijmen RH, van Dongen EP. Long-term follow-up after thoracoabdominal aortic aneurysm repair. 2007;83:S851-855*

Schiavini A. *see* Droghetti, Schiavini, & others. 2007;83:697,IM

Schmid C. *see* Etz, Welp, & others. 2007;83:1697-706*

Schmidt R. *see* Pennathur, Luketich, & others. 2007;83:1820-5,DI

Schmidtke C, Dahmen G, Sievers H-H. Subcoronary ross procedure in patients with active endocarditis. 2007;83:36-9*

Schmitt-Knosalla I. *see* Knosalla, Weng, & others. 2007;83:1691-6*

Schneeberger EW. *see* Mehall, Kohut, & others. 2007;83:538-41*

Schneeberger EW. *see* Mehall, Kohut, & others. 2007;83:2118-21*

Schneider T, Storz K, Dienemann H, Hoffmann H. Management of iatrogenic tracheobronchial injuries: a retrospective analysis of 29 cases. 2007;83:1960-4*

Schoder M, Czerny M, Cejna M, Rand T, Stadler A, Sodeck GH, Gottardi R, Loewe C, Lammer J. Endovascular repair of acute type b aortic dissection: long-term follow-up of true and false lumen diameter changes. 2007;83:1059-66*

Schoder M. *see* Czerny, Zimpfer, & others. 2007;83:1635-40*

Schoder M. *see* Zimpfer, Schoder, & others. 2007;83:664-6,CR

Schofield RS. *see* Klodell, Morey, & others. 2007;83:68-71*

Schonberger J. *see* Botman, Schonberger, & others. 2007;83:2093-7*

Schonberger J. *see* Said, de Voogt, & others. 2007;83:291-3,CR

Schramel FMNH. *see* Grootenboers, Schramel, & others. 2007;83:1235-6,CP

Schreiber C, Prodán Z, Eicken A, Rüdiger L. Novel modification of right ventricle to pulmonary artery shunt in palliation of hypoplastic left heart syndrome. 2007;83:1231,CP

Schreiber C. *see* Höller & Schreiber. 2007;83:1795-6,IC

Schreiber C. *see* Höller, Schreiber, & others. 2007;83:2169-75*

Schreiber C. *see* Lange, Vogt, & others. 2007;83:1463-71*

Schricker T. *see* Bernier, Grenon, & others. 2007;83:1544-5,CR

Schuessler RB. *see* Ishii, Kronengold, & others. 2007;83:517-25*

Schuessler RB. *see* Kaiser, Melby, & others. 2007;83:30-5*

Schuessler RB. *see* Melby, Zierer, & others. 2007;83:1651-7*

Schuett U. *see* Reiss, Schuett, & others. 2007;83:2246-7,HW

Schurink GW. *see* Spielvogel, Coselli, & others. 2007;83:S890-892*

Schurink GWH, Nijenhuis RJ, Backes WH, Mess W, de Haan MW, Mochtar B. Assessment of spinal cord circulation and function in endovascular treatment of thoracic aortic aneurysms. 2007;83:S877-881*

Schüssler JM. *see* Peterman, Hamman, & Schüssler. 2007;83:1204,IM

Schwartz JP. *see* Shuhaiher, Kim, & others. 2007;83:2135-41*

Schwartz TL. *see* Fiore, Turrentine, & others. 2007;83:622-30*

Sclafani SJA. *see* Burack, Kandil, & others. 2007;83:377-82*

Scott BG. *see* Carrick, Pham, & others. 2007;83:1554,IM

Scully HE. *see* Tang, Maganti, & others. 2007;83:938-45*

Sechtem U. *see* Rampoldi, Trimarchi, & others. 2007;83:55-61*

Seeburger J, Mohr FW. Acute type a dissection at 17 weeks of gestation in a marfan patient. 2007;83:674-6,CR

Seghaye M-C. *see* Hövels-Gürich, Konrad, & others. 2007;83:1425-30*

Sekar P. *see* Agarwal, Krishnan, & others. 2007;83:1549-52,CR

Selimoglu O. *see* Ogus, Basaran, & others. 2007;83:496-501*

Sellke FW. *see* Feng & Sellke. 2007;83:1119-20,IC

Selnes OA. Coronary artery bypass grafting baseline cognitive assessment: essential not optional. 2007;83:374-6,ED

Selzman C. Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? 2007;83:1758-9,IC

Şen S, Dişçigil B, Badak İ, Gürcün U. Lipoma of the diaphragm: a rare presentation. 2007;83:2203-5,CR

Seo D, Shin H, Park J, Yun T, Park I, Ko J, Kim Y. Modified simple sliding aortoplasty for supravalvar aortic stenosis. 2007;83:2248-50,HW

Seo D-M. *see* Yun, Cho, & others. 2007;83:1886-8,CR

Serraf A. *see* Roussin, Belli, & others. 2007;83:173-8,DI

Serraf A. *see* Roussin, Belli, & others. 2007;83:173-8*

Seth A. *see* Chowdhury, Mishra, & others. 2007;83:1731-6*

Settepani F, Szeto WY, Pacini D, De Paulis R, Chiariello L, Di Bartolomeo R. Reimplantation valve-sparing aortic root replacement in marfan syndrome using the valsalva conduit: an intercontinental multicenter study. 2007;83:S769-773*

Shah S. *see* Al-Ruzeh, Mahmoud, & others. 2007;83:355,CP

Shahian D. *see* Engelman, Shahian, & others. 2007;83:1569-76,RE

Shahian DM, Edwards FH, Ferraris VA, Haan CK, Rich JB, Normand S-LT, DeLong ER, O'Brien SM, Shewan CM, Dokholyan RS, Peterson ED. Quality measurement in adult cardiac surgery: part 1 conceptual framework and measure selection. 2007;83:S3-12*

Shahian DM, Grover FL, Anderson RP, Edwards FH. Quality measurement in adult cardiac surgery: introduction. 2007;83:S1-2*

Shahian DM. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Shandling AH, Rieders D, Bethencourt DM. Thoracoscopic microwave epicardial ablation: feasibility for the treatment of idiopathic sinus node tachycardia. 2007;83:300–2,CR

Sharkey P. *see* Chughtai, Sharkey, & others. 2007;83:1234–5,CP

Sharma K. *see* Chu, Sharma, & others. 2007;83:1179–81,CR

Sharma S. *see* Soerensen, Pekkan, & others. 2007;83:2182–90*

Sharples L. *see* Ali, Halstead, & others. 2007;83:2162–8*

Shatalov KV. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Shaw LJ. *see* Feringa, Shaw, & others. 2007;83:564–71*

Shemie SD. *see* Chu, Sharma, & others. 2007;83:1179–81,CR

Shemin R. *see* Engelman, Shahian, & others. 2007;83:1569–76,RE

Shemin RJ, Cox JL, Gillinov AM, Blackstone EH, Bridges CR. Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation. 2007;83:1225–30,RE

Shen KR. *see* Cerfolio & Bryant. 2007;83:1971–7,DI

Shewan CM. *see* O'Brien, Shahian, & others. 2007;83:S13–26*

Shewan CM. *see* Shahian, Edwards, & others. 2007;83:S3–12*

Shi E, Kazui T, Jiang X, Washiyama N, Yamashita K, Terada H, Bashar AHM. Therapeutic benefit of intrathecal injection of marrow stromal cells on ischemia-injured spinal cord. 2007;83:1484–90*

Shihata M, Mullen JC. Bilateral diaphragmatic plication in the setting of bilateral sequential lung transplantation. 2007;83:1201–3,CR

Shiiya N. *see* Shingu, Shiiya, & others. 2007;83:1356–61*

Shillingford MS. *see* Patel, Shillingford, & others. 2007;83:1628–34*

Shim YM. *see* I & Shim. 2007;83:1579,CP

Shimamoto T. *see* Morishima, Marui, & others. 2007;83:287–8,CR

Shimoda T. *see* Dhar, Hattori, & others. 2007;83:1265–72*

Shimokawa T. *see* Horai, Shimokawa, & others. 2007;83:1174–5,CR

Shin H. *see* Seo, Shin, & others. 2007;83:2248–50,HW

Shingu Y, Shiiya N, Mikami T, Matsuzaki K, Kunihara T, Matsui Y. Left ventricular diastolic dysfunction in chronic aortic dissection. 2007;83:1356–61*

Shinkawa T, Yamagishi M, Shunthoh K, Miyazaki T, Hisaoka T, Yaku H. Pulmonary arterial reconstruction for pulmonary coarctation in early infancy. 2007;83:188–92*

Shiomi K. *see* Sakao, Miyamoto, & others. 2007;83:209–15*

Shore-Lesserson L. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27–86*

Shrager JB. *see* Friscia, Zhu, & others. 2007;83:252–7*

Shrager JB. *see* Kreider, Hansen-Flaschen, & others. 2007;83:1140–5*

Shrive FM. *see* Graham, Shrive, & others. 2007;83:1257–64*

Shuhaiher JH, Kim JB, Hur K, Gibbons RD, Nemeh HW, Schwartz JP, Bakhos M. Comparison of survival in primary and repeat heart transplantation from 1987 through 2004 in the United States. 2007;83:2135–41*

Shukla V. *see* Stephen, Kuruvila, & others. 2007;83:1175–7,CR

Shunthoh K. *see* Shinkawa, Yamagishi, & others. 2007;83:188–92*

Shyamkrishnan KG. *see* Sadiq, Shyamkrishnan, & others. 2007;83:1790–6*

Siderys H. *see* Fehrenbacher, Hart, & others. 2007;83:1041–6*

Sie HT, Ramdat Misier AR. Ten-year experience with the cox-maze procedure for atrial fibrillation: how do we define success? 2007;83:1324–5,JC

Sierra J. *see* Tissot, Aggoun, & others. 2007;83:727,CP

Sievers H-H. *see* Erasmi, Sievers, & others. 2007;83:S752–756*

Sievers H-H. *see* Scharfschwerdt, Sievers, & others. 2007;83:954–7*

Sievers H-H. *see* Schmidtke, Dahmen, & Sievers. 2007;83:36–9*

Silovitz D. *see* Spielvogel, Etz, & others. 2007;83:S791–795*

Sim EKW. *see* Ye, Haider, & others. 2007;83:1233–4,CP

Simon C. *see* Capuano, Bianchini, & others. 2007;83:2215–6,CR

Simon P. *see* Palatianos, Laczkovics, & others. 2007;83:40–6*

Simpson AWM. *see* Oo, Conant, & others. 2007;83:126–33*

Sinatra R. *see* Benedetto, Melina, & others. 2007;83:83–8*

Sinatra R. *see* Bianchini, Melina, & others. 2007;83:2213–4,CR

Sinatra R. *see* Capuano, Bianchini, & others. 2007;83:2215–6,CR

Singh J. *see* Rana, Swami, & others. 2007;83:1194–6,CR

Singh T. *see* Matsushita, Huynh, & others. 2007;83:2220–2,CR

Sirak JH. *see* Lozonschi, Sirak, & Michler. 2007;83:1904–5,HW

Siviglia M. *see* Pragliola, Altamura, & others. 2007;83:670–2,CR

Sivrikoz CM, Kaya T, Tulay CM, Ak İ, Bilir A, Döner E. Effective approach for the treatment of bronchopleural fistula: application of endovascular metallic ring-shaped coil in combination with fibrin glue. 2007;83:2199–201,CR

Sjöberg T. *see* Steen, Ingemansson, & others. 2007;83:2191–5,NT

Skarsgard P. *see* Coselli, Elefteriades, & others. 2007;83:S846–850,DI

Skarsgard P. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57*

Skarsgard P. *see* Miller, Cameron, & others. 2007;83:S785–790,DI

Skorzenski D. *see* Hövels-Gürich, Konrad, & others. 2007;83:1425–30*

Slama M. *see* Azmoun, Ramadan, & others. 2007;83:2098–102*

Slater MS, Komanapalli CB, Tripathy U, Ravichandran PS, Ungerleider RM. Treatment of endocarditis: a decade of experience. 2007;83:2074–80*

Smedira NG. *see* Koster, Dyke, & others. 2007;83:572–7*

Smeenk FWJM. *see* Smulders, Holverda, & others. 2007;83:1986–92*

Smith BR. *see* Rinder, Smith, & others. 2007;83:146–52*

Smith CR. *see* Hannan, Wu, & others. 2007;83:921–30*

Smith D. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Smith EO. *see* Rossano, Smith, & others. 2007;83:606–12*

Smith JR. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*

Smith MJ. *see* Rinder, Smith, & others. 2007;83:146–52*

Smith PK, Mayer JE Jr, Kanter KR, DiSesa VJ, Levett JM, Wright CD, Nichols FC III, Naunheim KS. Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred. 2007;83:12–20,RE

Smith PW. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Smulders SA, Holverda S, Vonk-Noordegraaf A, van den Bosch HCM, Post JC, Marcus JT, Smeenk FWJM, Postmus PE. Cardiac function and position more than 5 years after pneumonectomy. 2007;83:1986–92*

Snell GI. *see* Oto, Levvey, & others. 2007;83:257–64*

Soares PR. *see* Hueb, Gersh, & others. 2007;83:93–9*

Society of Cardiovascular Anesthesiologists Special Task Force on Blood Transfusion T. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27–86*

Society of Thoracic Surgeons Blood Conservation Guideline Task Force T, Ferraris VA, Ferraris SP, Saha SP, Hessel EA II, Haan CK, Royston BD, Bridges CR, Higgins RSD, Despotis G, Brown JR, Society of Cardiovascular Anesthesiologists Special Task Force on Blood Transfusion T, Spiess BD, Shore-Lesserson L, Stafford-Smith M, Mazer CD, Bennett-Guerrero E, Hill SE, Body S. Perioperative blood transfusion and blood conservation in cardiac surgery: the society of thoracic surgeons and the society of cardiovascular anesthesiologists clinical practice guideline. 2007;83:S27–86*

Sodeck GH. *see* Schoder, Czerny, & others. 2007;83:1059–66*

Sodian R, Weber S, Markert M, Rassoulian D, Kaczmarek I, Lueth TC, Reichart B, Daebritz S. Stereolithographic models for surgical planning in congenital heart surgery. 2007;83:1854-7,NT

Soerensen DD, Pekkan K, de Zélicourt D, Sharma S, Kanter K, Fogel M, Yoganathan AP. Introduction of a new optimized total cavopulmonary connection. 2007;83:2182-90*

Soga Y. *see* Kai, Okabayashi, & others. 2007;83:1666-71*

Solli P. *see* Spaggiari, Leo, & others. 2007;83:223-30*

Solli PG. *see* De Pas, de Braud, & others. 2007;83:231-5*

Solovera ME. *see* Clavero, Cheyre, & others. 2007;83:1216-8,HW

Sommers KE. *see* Keeling, Lewis, & others. 2007;83:193-6*

Sonobe S. *see* Sakao, Miyamoto, & others. 2007;83:209-15*

Sorensen EN. *see* Feller, Sorensen, & others. 2007;83:1082-8*

Sørensen HT. *see* Zebis, Christensen, & others. 2007;83:1326-31*

Sorichillo E. *see* Clark-Greuel, Connolly, & others. 2007;83:946-53*

Sorokin VA, Chong CF, Lee CN, Wong PS. Combined open and endovascular repair of acute type a aortic dissection. 2007;83:666-8,CR

Sosnowski AW. *see* Alexiou & Sosnowski. 2007;83:326-8,HW

Spadaccio C. *see* Chello, Anselmi, & others. 2007;83:1374-80*

Spaggiari L, Leo F, Veronesi G, Solli P, Galetta D, Tatani B, Petrella F, Radice D. Superior vena cava resection for lung and mediastinal malignancies: a single-center experience with 70 cases. 2007;83:223-30*

Spaggiari L. *see* De Pas, de Braud, & others. 2007;83:231-5*

Speakman ED. *see* Hayek, Hughes, & others. 2007;83:1882-4,CR

Spevak PJ. *see* Williams, Loeys, & others. 2007;83:S757-763*

Spiegelenberg SR. *see* Huybrechts, Morariu, & others. 2007;83:1760-7*

Spiegelstein D. *see* Yau, Kim, & others. 2007;83:1110-20*

Spielvogel D, Coselli JS, Griep RB, Khoynezhad A, Mitchell RS, Plestis KA, Schepens M, Schurink GW, Svensson LG. Panel discussion: session iv descending and thoracoabdominal aorta. 2007;83:S890-892*

Spielvogel D, Etz CD, Silovitz D, Lansman SL. Aortic arch replacement with a trifurcated graft. 2007;83:S791-795*

Spiess BD. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Spinale FG. *see* Ikonomidis, Hilton, & others. 2007;83:2153-61*

Srivastava SP. *see* Rankin, Tuttle, & others. 2007;83:1008-15,DI

Stadler A. *see* Schoder, Czerny, & others. 2007;83:1059-66*

Stafford JA. *see* Cowper, DeLong, & others. 2007;83:100-7*

Stafford-Smith M. *see* Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris, & others. 2007;83:S27-86*

Stamenkovic S, Hierner R, De Leyn P, Delaere P. Long-segment tracheal stenosis treated with vascularized mucosa and short-term stenting. 2007;83:1213-5,HW

Staples ED. *see* Klodell, Morey, & others. 2007;83:68-71*

Stauroulas A. *see* Tomos, Karaikos, & others. 2007;83:703-4,HW

Steen S, Ingemansson R, Eriksson L, Pierre L, Algotsson L, Wierup P, Liao Q, Ejolfsson A, Gustafsson R, Sjöberg T. First human transplantation of a nonacceptable donor lung after reconditioning ex vivo. 2007;83:2191-5,NT

Steger V, Mika U Heikki Toomes, Walker T, Engel C Thomas /Kyriss, Ziemer G, Friedel G. Who gains most? a 10-year experience with 611 thoracoscopic talc pleurodeses. 2007;83:1940-5*

Steger V. *see* Walker, Bail, & others. 2007;83:1047-54*

Steiner ME. *see* Crow, Sullivan, & others. 2007;83:1547-9,CR

Stellin G. *see* Vida, Berggren, & others. 2007;83:161-8*

Stephen T, Kuruvila KT, Philip MA, Shukla V, Korula RJ. Anomalous left anterior descending coronary artery from pulmonary artery with ventricular septal defect. 2007;83:1175-7,CR

Stock UA. *see* Schenke-Layland & Stock. 2007;83:1921-2,CP

Stock UA. *see* Schenke-Layland, Xie, & others. 2007;83:1641-50*

Stocker PJ. *see* Hayek, Hughes, & others. 2007;83:1882-4,CR

Stoel MG. *see* Aliyary, Mariani, & others. 2007;83:1879-81,CR

Stoller JK, Gildea TR, Ries AL, Meli YM, Karafa MT. Lung volume reduction surgery in patients with emphysema and α -1 antitrypsin deficiency. 2007;83:241-51*

Stone M. *see* Kress, Aronson, & others. 2007;83:1737-43*

Storz K. *see* Schneider, Storz, & others. 2007;83:1960-4*

Strauch JT, Lauten A, Zhang N, Wahlers T, Griep RB. Anatomy of spinal cord blood supply in the pig. 2007;83:2130-4*

Strignano P. *see* Volonté, Collard, & others. 2007;83:265-71*

Stringham JC. *see* Drakos, Kfoury, & others. 2007;83:62-7*

Stroud RE. *see* Ikonomidis, Hilton, & others. 2007;83:2153-61*

Stulak JM, Sundt TM III, Dearani JA, Daly RC, Orsulak TA, Schaff HV. Ten-year experience with the cox-maze procedure for atrial fibrillation: how do we define success? 2007;83:1319-25*

Su S. *see* Paul, Raja, & others. 2007;83:1188-90,CR

Subramaniam GK. *see* Chowdhury, Mishra, & others. 2007;83:1731-6*

Suda T. *see* Hasegawa, Suda, & others. 2007;83:308-10,CR

Sudo Y. *see* Iida, Sudo, & Ukita. 2007;83:1874-6,CR

Sueda T. *see* Mizukami, Hamamoto, & others. 2007;83:1205,IM

Suehiro S. *see* Fukui, Takanashi, & others. 2007;83:115-9*

Suehiro S. *see* Mizuguchi, Nishiyama, & others. 2007;83:216-22*

Suematsu K. *see* Kaji, Nomori, & others. 2007;83:312-4,CR

Suen HC. *see* Spaggiari, Leo, & others. 2007;83:223-30,DI

Sugarbaker DJ. *see* Linden, Bueno, & others. 2007;83:1129-33*

Sugarbaker DJ. *see* Paul, Raja, & others. 2007;83:1188-90,CR

Sugimura H, Nichols FC, Yang P, Allen MS, Cassivi SD, Deschamps C, Williams BA. Survival after recurrent non-small-cell lung cancer after complete pulmonary resection. 2007;83:409-18*

Sullivan VV. *see* Crow, Sullivan, & others. 2007;83:1547-9,CR

Sundt T III. Unsupported reduction ascending aortoplasty: fate of diameter and of windkessel function. 2007;83:1053-4,IC

Sundt T III. *see* Wong, Coselli, & others. 2007;83:1345-55,DI

Sundt TM. Intramural hematoma and penetrating atherosclerotic ulcer of the aorta. 2007;83:S835-841*

Sundt TM III. *see* Cook, Huston, & others. 2007;83:1389-95*

Sundt TM III. *see* Coselli, Elefteriades, & others. 2007;83:S846-850*

Sundt TM III. *see* ElBardissi, Wiegmann, & others. 2007;83:1412-9*

Sundt TM III. *see* Miller, Cameron, & others. 2007;83:S785-790,DI

Sundt TM III. *see* Patel, Shillingford, & others. 2007;83:1628-34,DI

Sundt TM III. *see* Rampoldi, Trimarchi, & others. 2007;83:55-61*

Sundt TM III. *see* Stulak, Sundt, & others. 2007;83:1319-25*

Sundt TM III. *see* Villavicencio, Sundt, & others. 2007;83:1403-11*

Sundt TM III. *see* Zierer, Moon, & others. 2007;83:2122-9,DI

Surmen B. *see* Ugurlucan, Surmen, & others. 2007;83:356-7,CP

Sutherland J. *see* Wheatley, Opie, & others. 2007;83:1555,IM

Suzuki K. *see* Kazui, Yamashita, & others. 2007;83:S796-798*

Suzuki Y. *see* Wakayama, Fukuda, & others. 2007;83:153-60*

Svedjeholm R. *see* Vánky, Hákanson, & Svedjeholm. 2007;83:2036-43*

Svennevig JL. *see* Bergsland, Kabil, & others. 2007;83:462-7*

Svensson LG, Blackstone EH, Feng J, Oliveira Dd, Gillinov AM, Thamilarasan M, Grimm RA, Griffin B, Hammer D, Williams T, Gladish DH, Lytle BW. Are marfan syndrome

and marfanoid patients distinguishable on long-term follow-up? 2007;83:1067-74*

Svensson LG. *see* Atik, Navia, & others. 2007;83:526-31*

Svensson LG. *see* Griep, Haverich, & others. 2007;83:S824-831,DI

Svensson LG. *see* Spielvogel, Coselli, & others. 2007;83:S890-892*

Swami N. *see* Rana, Swami, & others. 2007;83:1194-6,CR

Sweet LC. *see* Zhang, Kapetanakis, & others. 2007;83:298-300,CR

Swisher SG. *see* Blackmon, Correa, & others. 2007;83:1805-13*

Swoboda H. *see* Gorlitzer, Grabenwoeger, & others. 2007;83:393-6*

Szeto WY. *see* Settepani, Szeto, & others. 2007;83:S769-773*

Tachibana M. *see* Dhar, Hattori, & others. 2007;83:1265-72*

Tagawa T. *see* Yamazaki, Yoshino, & others. 2007;83:315-7,CR

Taggart DP. *see* Balacumaraswami & Taggart. 2007;83:2251-7,CV

Tagusari O. *see* Oyamada, Kobayashi, & others. 2007;83:1532-4,CR

Tagusari O. *see* Saito, Nakatani, & others. 2007;83:140-5*

Takami Y, Masumoto H. Angiographic fate of collateral vessels after surgical revascularization of the totally occluded left anterior descending artery. 2007;83:120-5*

Takami Y, Masumoto H, Fyfe-Kirschner B. Late disruption of a freestyle stentless bioprosthetic used for repair of sinus of valsalva aneurysm of noncoronary cusp. 2007;83:2210-3,CR

Takamoto S. *see* Coselli, Elefteriades, & others. 2007;83:S846-850,DI

Takanashi S. *see* Fukui, Takanashi, & others. 2007;83:115-9*

Takanashi S. *see* Horai, Shimokawa, & others. 2007;83:1174-5,CR

Takano H. *see* Hata, Takano, & others. 2007;83:1621-7*

Takaseya T, Kawara T, Tokunaga S, Kohno M, Oishi Y, Morita S. Aortic valve replacement with 17-mm st. jude medical prostheses for a small aortic root in elderly patients. 2007;83:2050-3*

Takeda K, Matsumiya G, Nishimura M, Matsue H. Giant circumflex coronary artery aneurysm associated with cystic medial necrosis in a non-marfan patient. 2007;83:668-70,CR

Takemura H. *see* Eda, Matuura, & others. 2007;83:2219-20,CR

Taketani S. *see* Ota, Taketani, & others. 2007;83:1501-7*

Taketani T. *see* Mehall, Kohut, & others. 2007;83:538-41*

Takeuchi S. *see* Horai, Shimokawa, & others. 2007;83:1174-5,CR

Takeuchi S. *see* Okada, Okimoto, & others. 2007;83:293-4,CR

Takkenberg JJM. *see* Grunkemeier, Jin, & others. 2007;83:1586-92*

Talbot SG. *see* Paul, Talbot, & others. 2007;83:1519-21,CR

Tambara K. *see* Morishima, Marui, & others. 2007;83:287-8,CR

Tambiah J. *see* Khan, Tambiah, & others. 2007;83:1893-4,CR

Tamblyn J. *see* Baird, Zurakowski, & others. 2007;83:912-20*

Tamtekin B. *see* Sagbas, Akpinar, & others. 2007;83:1724-30*

Tanaka H. *see* Kawanishi, Munakata, & others. 2007;83:456-61*

Tanaka T. *see* Nakayama, Tanaka, & Noguchi. 2007;83:685-7,CR

Tang GHL, Maganti M, David TE, Feindel CM, Scully HE, Borger MA. Effect of prior valve type on mortality in reoperative valve surgery. 2007;83:938-45*

Tardif J-C. *see* Vanden Eynden, Bouchard, & others. 2007;83:1279-84*

Tarelli G. *see* Bruschi, Tarelli, & others. 2007;83:e9-10,CR

Tarhan A, Kehlibar T, Yilmaz M, Arslan Y, Pancaroglu C, Yigit S, Ozler A. Right coronary artery with high takeoff. 2007;83:1867-9,CR

Tatani B. *see* Spaggiari, Leo, & others. 2007;83:223-30*

Tatoulis J. Caution with the use of recombinant activated factor vii in treating postoperative hemorrhage in cardiac surgery. Reply. 2007;83:355-6,CP

Tatoulis J. *see* Luthra, Tatoulis, & Warren. 2007;83:1530-2,CR

Tchervenkov CI. *see* Chu, Sharma, & others. 2007;83:1179-81,CR

Tector AJ. Gastroepiploic artery grafting does not improve the late outcome in patients with bilateral internal thoracic artery grafting. 2007;83:1029,IC

Tector AJ. *see* Kress, Aronson, & others. 2007;83:1737-43*

Teichmann TL. *see* Rankin, Tuttle, & others. 2007;83:1008-15*

Tekinbas C, Erol M. Video-mediastinoscope: for extracting upper esophageal foreign bodies. 2007;83:2239-40,HW

Terada H. *see* Kazui, Yamashita, & others. 2007;83:S796-798*

Terada H. *see* Shi, Kazui, & others. 2007;83:1484-90*

Terra RM. *see* Andrade Neto, Terra, & others. 2007;83:2196-7,CR

Terzic I. *see* Bergsland, Kabil, & others. 2007;83:462-7*

Thamilarasan M. *see* Svensson, Blackstone, & others. 2007;83:1067-74*

Tharakan JM. *see* Sadiq, Shyamkrishnan, & others. 2007;83:1790-6*

Theodore S, Vaidyanathan K, Jagannath BR, Nainar M, Krishnamoorthy J, Cherian KM. Takayasu's arteritis mimicking acute aortic dissection. 2007;83:1876-8,CR

Theodore S. *see* Sadiq, Shyamkrishnan, & others. 2007;83:1790-6*

Thiagarajan RR. *see* Lai, Laussen, & others. 2007;83:1768-73*

Thiele H. *see* Holzhey, Jacobs, & others. 2007;83:108-14*

Thivolet F. *see* Greffe, Chalabreysse, & others. 2007;83:1541-3,CR

Thompson FF. *see* Larrazabal, del Nido, & others. 2007;83:179-84*

Thomsen HF. *see* Zebis, Christensen, & others. 2007;83:1326-31*

Thorpe A. *see* Ganti, Milton, & others. 2007;83:1196-7,CR

Thors A, Guarneri R, Costantini EN, Richmond GJ. Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma. 2007;83:2207-10,CR

Thuny F. *see* Remadi, Habib, & others. 2007;83:1295-302*

Tian G. *see* Wang, Liu, & others. 2007;83:1751-9*

Tireli E. *see* Ugurlucan, Surmen, & others. 2007;83:356-7,CP

Tissot C, Aggoun Y, Beghetti M, da Cruz E, Sierra J, Kalangos A. The lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome. 2007;83:727,CP

Tjan TDT. *see* Etz, Welp, & others. 2007;83:1697-706*

Tobe S. *see* Yoshida, Tobe, & Yamaguchi. 2007;83:354-5,CP

Tokunaga S. *see* Takaseya, Kawara, & others. 2007;83:2050-3*

Tolis G Jr. *see* Griep, Haverich, & others. 2007;83:S824-831,DI

Toloza EM. *see* Petersen, Pham, & others. 2007;83:1245-50*

Tomanek B. *see* Wang, Liu, & others. 2007;83:1751-9*

Tomaske M. *see* Dodge-Khatami, Backer, & others. 2007;83:2230-2,CR

Tomaske M. *see* Dodge-Khatami, Knirsch, & others. 2007;83:902-6*

Tomassoni D. *see* Droghetti, Schiavini, & others. 2007;83:697,IM

Tomos P, Karaikos T, Lahanas E, Paulopoulos D, Papahristou D, Stauroliias A. Transverse bronchoplasty of the membranous wall after resection of an endobronchial hamartoma. 2007;83:703-4,HW

Tonelli E. *see* Benedetto, Melina, & others. 2007;83:83-8*

Tonomoto Y. *see* Dhar, Hattori, & others. 2007;83:1265-72*

Topkara VK. *see* Bardakci, Cheema, & others. 2007;83:483-9*

Torracca L. *see* Castiglioni, Verzini, & others. 2007;83:586-91*

Touati GD. *see* Griep, Haverich, & others. 2007;83:S824-831,DI

Touchot A. *see* Roussin, Belli, & others. 2007;83:173-8*

Townshend AP, Lakshminarayanan B, Ucar AEM, Chaudry ZR, Duffy JP. Rare pleural recurrence of typical pulmonary

carcinosarcoma 30 years after lobectomy. 2007;83:1523–4,CR

Tremoli E. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Trenerry MR. *see* Cook, Huston, & others. 2007;83:1389–95*

Trento A. *see* Goland, Czer, & others. 2007;83:931–7*

Trezzi M. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Tribble CG. *see* Fedoruk, Tribble, & others. 2007;83:2029–35*

Tribble CG. *see* Gazoni, Fedoruk, & others. 2007;83:1658–65*

Tribouilloy C. *see* Remadi, Habib, & others. 2007;83:1295–302*

Trimarchi S. *see* Griep, Haverich, & others. 2007;83:S824–831,DI

Trimarchi S. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Tripathy U. *see* Slater, Komanapalli, & others. 2007;83:2074–80*

Truin G, Backx A, van Wetten H, Neeleman C. Cardiac resynchronization therapy for mitral systolic anterior motion in a child. 2007;83:1873–4,CR

Tsai T. *see* Rampoldi, Trimarchi, & others. 2007;83:55–61*

Tsang V. *see* Ashrafian, Tsang, & Kostolny. 2007;83:2226–8,CR

Tsaouassis G. *see* Mitropoulos, Kanakis, & others. 2007;83:672–4,CR

Tschirhart JM. *see* Incorvaia, Poulos, & others. 2007;83:283–4,CR

Tsintiris K. *see* Kotoulas, Patris, & others. 2007;83:1524–6,CR

Tsuchiya K. *see* Nakajima, Tsuchiya, & others. 2007;83:2216–9,CR

Tsui S. *see* Ali, Halstead, & others. 2007;83:2162–8*

Tsukashita M. *see* Esaki, Koshiji, & others. 2007;83:1024–9*

Tsukioka T. *see* Mizuguchi, Nishiyama, & others. 2007;83:216–22*

Tulay CM. *see* Sivrikoz, Kaya, & others. 2007;83:2199–201,CR

Turrentine M. *see* Fiore, Turrentine, & others. 2007;83:622–30*

Turrentine MW. *see* Brown, Ruzmetov, & others. 2007;83:1781–9*

Turrentine MW. *see* Rodefeld, Ruzmetov, & others. 2007;83:1451–7*

Turyilmaz A. *see* Karaoglanoglu, Turyilmaz, & Eroglu. 2007;83:2259–60,CP

Tutarel O, Roentgen P, Westhoff-Bleck M. Surgical pitfalls of the quadricuspid aortic valve. 2007;83:1581,CP

Tuttle RH. *see* Rankin, Tuttle, & others. 2007;83:1008–15*

Tymkew H. *see* Crabtree, Aitchison, & others. 2007;83:1396–402*

Tyner JJ. *see* Bichell, Mora, & others. 2007;83:678–80,CR

Ucar AEM. *see* Townshend, Lakshminarayanan, & others. 2007;83:1523–4,CR

Uchimura E. *see* Ota, Taketani, & others. 2007;83:1501–7*

Ueda T. *see* Aoyagi, Okazaki, & others. 2007;83:289–91,CR

Ugurlucan M, Surmen B, Sayin OA, Nargileci E, Tireli E. Coronary reimplantation during jatene procedure. 2007;83:356–7,CP

Uhlig P. *see* ElBardissi, Wiegmann, & others. 2007;83:1412–9,DI

Ukata C. *see* Cohen, Odim, & others. 2007;83:S780–784*

Ukita H. *see* Iida, Sudo, & Ukita. 2007;83:1874–6,CR

Umeshara E. *see* Kai, Okabayashi, & others. 2007;83:1666–71*

Umeshara E. *see* Nemoto, Umehara, & others. 2007;83:e11–3,CR

Ungerleider R. *see* Hickey, Karamlou, & others. 2007;83:895–901,AP

Ungerleider RM. Whom does the grail serve? a vision of transformation in thoracic surgery. 2007;83:1927–33,PA

Ungerleider RM. *see* Brown, Ruzmetov, & others. 2007;83:1781–9,DI

Ungerleider RM. *see* Kincaid, Cordell, & others. 2007;83:964–8,DI

Ungerleider RM. *see* Slater, Komanapalli, & others. 2007;83:2074–80*

Uno K. *see* Kaji, Nomori, & others. 2007;83:312–4,CR

Upchurch GR Jr. *see* Patel, Shillingford, & others. 2007;83:1628–34*

Urban A. *see* Vida, Berggren, & others. 2007;83:161–8*

Urbani M. *see* Santoprete, Ragusa, & others. 2007;83:1526–8,CR

Urbich C. *see* Aicher, Urbich, & others. 2007;83:1290–4*

Ure BM. *see* Metzelder, Kuebler, & others. 2007;83:1844–9*

Urschel H Jr. Modified t-tube repair of delayed esophageal perforation results in a low mortality rate similar to that seen with acute perforations. 2007;83:1133,IC

Us aMH. *see* Ogus, Basaran, & others. 2007;83:496–501*

Uy K. *see* Bédard, Uy, & Keshavjee. 2007;83:1185–8,CR

Vachenauer R. *see* Plass, Grünenfelder, & others. 2007;83:1210–2,HW

Vahid B. *see* Mitchell, Riley, & Vahid. 2007;83:1172–4,CR

Vahid B. *see* Salerno, Vahid, & Marik. 2007;83:1888–91,CR

Vaidyanathan K. *see* Theodore, Vaidyanathan, & others. 2007;83:1876–8,CR

van Boven WJ. *see* Grootenboers, Schramel, & others. 2007;83:1235–6,CP

Van Cott EM. *see* Everett, Yeh, & others. 2007;83:592–7*

van den Bosch HCM. *see* Smulders, Holverda, & others. 2007;83:1986–92*

van der Linden J, Bergman P, Hadjinikolaou L. The topography of aortic atherosclerosis enhances its precision as a predictor of stroke. 2007;83:2087–92*

van der Wall EE. *see* Feringa, Shaw, & others. 2007;83:564–71*

van der Wall EE. *see* Henkens, van Straten, & others. 2007;83:907–11*

van Dongen EP. *see* Schepens, Kelder, & others. 2007;83:S851–855*

Van Doorn C. *see* Vida, Berggren, & others. 2007;83:161–8*

Van Doorn CA. *see* Griep, Haverich, & others. 2007;83:S824–831,DI

Van Dyck M. *see* Jeanmart, de Kerchove, & others. 2007;83:S746–751*

Van Meter CH Jr. *see* Edgerton, Edgerton, & others. 2007;83:89–92,DI

van Natta TL. *see* Burack, Kandil, & others. 2007;83:377–82,DI

van Oeveren W. *see* Huybregts, Morariu, & others. 2007;83:1760–7*

Van Praet F. *see* Bakir, Casselman, & others. 2007;83:331–40,CV

Van Praet F. *see* Deshpande, Casselman, & others. 2007;83:2142–6*

van Putte BP. *see* Grootenboers, Schramel, & others. 2007;83:1235–6,CP

Van Schil P. *see* Nia & Van Schil. 2007;83:358,CP

Van Schil PEY. *see* Grootenboers, Schramel, & others. 2007;83:1235–6,CP

van Straten A. *see* Henkens, van Straten, & others. 2007;83:907–11*

van Vaerenbergh G. *see* Lev-Ran, Casselman, & others. 2007;83:2205–7,CR

van Wetten H. *see* Truin, Backx, & others. 2007;83:1873–4,CR

Van Woerkom JM. *see* Freeman, Van Woerkom, & Ascioti. 2007;83:2003–8*

Vanden Eynden F, Bouchard D, El-Hamamsy I, Butnaru A, Demers P, Carrier M, Perrault LP, Tardif J-C, Pellerin M. Effect of aortic valve replacement for aortic stenosis on severity of mitral regurgitation. 2007;83:1279–84*

Vanden Eynden F, Fadel E, de Perrot M, de Montpreville V, Mussot S, Darteville P. Role of surgery in the treatment of primary pulmonary b-cell lymphoma. 2007;83:236–40*

Vanelli P. *see* Antona, Vanelli, & others. 2007;83:1158–61,NT

Vanermen H. *see* Bakir, Casselman, & others. 2007;83:331–40,CV

Vanermen H. *see* Deshpande, Casselman, & others. 2007;83:2142–6*

Vanermen H. *see* Lev-Ran, Casselman, & others. 2007;83:2205–7,CR

Vánky FB, Håkanson E, Svedjeholm R. Long-term consequences of postoperative heart failure after surgery for aortic stenosis compared with coronary surgery. 2007;83:2036–43*

Vaporciyan A. *see* Linden, Yeap, & others. 2007;83:425–32,DI

Vaporciyan AA. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Varagona R. *see* Melloni, Cremona, & others. 2007;83:1946–51*

Varela A. *see* Gómez de Antonio, Gámez, & others. 2007;83:1891–3,CR

Vassiliades TA Jr, Cosgriff N, Denham A, Olson J, Maul DH. Superiority of using bipolar radiofrequency energy for internal mammary artery harvesting. 2007;83:1508–12,NT

Vassiliades TA Jr, Reddy VS, Puskas JD, Guyton RA. Long-term results of the endoscopic atraumatic coronary artery bypass. 2007;83:979–85*

Vaturi M. *see* Berman, Saute, & others. 2007;83:295–8,CR

Vaughn WK. *see* Wong, Coselli, & others. 2007;83:1345–55*

Vega PR. *see* Atik, Navia, & others. 2007;83:526–31*

Veinot JP. Valproic acid and bleeding: caution required. 2007;83:725,CP

Venugopal P. *see* Chowdhury, Mishra, & others. 2007;83:1731–6*

Verhelst R. *see* Chiappini, Absil, & others. 2007;83:1285–9*

Verhorst PMJ. *see* Aliyary, Mariani, & others. 2007;83:1879–81,CR

Vermeulen Y. *see* Bakir, Casselman, & others. 2007;83:331–40,CV

Vermeulen Y. *see* Deshpande, Casselman, & others. 2007;83:2142–6*

Vernet M. *see* Zamfir, Vernet, & others. 2007;83:2228–30,CR

Veronesi G. *see* De Pas, de Braud, & others. 2007;83:231–5*

Veronesi G. *see* Spaggiari, Leo, & others. 2007;83:223–30*

Verzini A. *see* Castiglioni, Verzini, & others. 2007;83:586–91*

Vescovi P. *see* Bobbio, Vescovi, & others. 2007;83:1197–9,CR

Vicente WVdA. *see* Rodrigues, Évora, & others. 2007;83:2060–5*

Vicentini C. *see* Mazzola, Gregorini, & others. 2007;83:1564–5,HW

Vida VL, Berggren H, Brawn WJ, Daenen W, Di Carlo D, Di Donato R, Lindberg HL, Corno AF, Fragata J, Elliott MJ, Hraska V, Kiraly L, Lacour-Gayet F, Maruszewski B, Rubay J, Sairanen H, Sarris G, Urban A, Van Doorn C, Ziener G, Stellin G. Risk of surgery for congenital heart disease in the adult: a multicentered european study. 2007;83:161–8*

Vidne BA. *see* Berman, Saute, & others. 2007;83:295–8,CR

Viganò M. *see* Gazzoli, Alloni, & others. 2007;83:279–82,NT

Vijay P. *see* Fiore, Turrentine, & others. 2007;83:622–30*

Vijay P. *see* Rodefeld, Ruzmetov, & others. 2007;83:1451–7*

Vijay V. *see* Rabbani, Vijay, & Sarabu. 2007;83:510–6*

Villa MA. *see* Estrera, Miller, & others. 2007;83:1603–9*

Villa MA. *see* Safi, Miller, & others. 2007;83:S815–818*

Villani C. *see* Mazzola, Gregorini, & others. 2007;83:1564–5,HW

Villavicencio MA, Sundt TM III, Daly RC, Dearani JA, McGregor CGA, Mullany CJ, Orszulak TA, Puga FJ, Schaff HV. Cardiac surgery in patients with body mass index of 50 or greater. 2007;83:1403–11*

Virgo KS. *see* Fiore, Turrentine, & others. 2007;83:622–30*

Virmani R. *see* Ishii, Kronengold, & others. 2007;83:517–25*

Visser HT, Erasmus ME, Ebels T. Cardiac luxation to facilitate off-pump bilateral lung transplantation. 2007;83:329–30,HW

Vitali E. *see* Bruschi, Tarelli, & others. 2007;83:e9–10,CR

Vlachos AP. *see* Mitropoulos, Kanakis, & others. 2007;83:672–4,CR

Vliegen HW. *see* Henkens, van Straten, & others. 2007;83:907–11*

Voeller RK. *see* Zierer, Melby, & others. 2007;83:1684–90*

Vogt M. *see* Hörer, Schreiber, & others. 2007;83:2169–75*

Vogt M. *see* Lange, Vogt, & others. 2007;83:1463–71*

Volonté F, Collard J-M, Goncette L, Gutschow C, Strignano P. Intrathoracic periesophageal fundoplication for short esophagus: a 20-year experience. 2007;83:265–71*

von Birgelen C. *see* Aliyary, Mariani, & others. 2007;83:1879–81,CR

Vonk-Noordegraaf A. *see* Smulders, Holverda, & others. 2007;83:1986–92*

Vonthein R. *see* Walker, Bail, & others. 2007;83:1047–54*

Vyas N. *see* Cohen, Odim, & others. 2007;83:S780–784*

Vyas R. *see* Cohen, Odim, & others. 2007;83:S780–784*

Waddington G. *see* El-Ansary, Waddington, & Adams. 2007;83:1513–7,NT

Wagner O. *see* Koertke, Zittermann, & others. 2007;83:24–9*

Wahl G. *see* Riess, Bader, & others. 2007;83:1310–8*

Wahlers T. *see* Strauch, Lauten, & others. 2007;83:2130–4*

Wain JC. *see* Gaissert, Honings, & others. 2007;83:1952–9*

Wakayama F, Fukuda I, Suzuki Y, Kondo N. Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model. 2007;83:153–60*

Walker J. *see* Everett, Yeh, & others. 2007;83:592–7*

Walker T, Bail DHL, Gruler M, Vonthein R, Steger V, Ziemer G. Unsupported reduction ascending aortoplasty: fate of diameter and of windkessel function. 2007;83:1047–54*

Walker T. *see* Steger, Mika, & others. 2007;83:1940–5*

Walker WS. *see* Peng, McKillop, & others. 2007;83:1190–4,CR

Wall MJ Jr. *see* Carrick, Pham, & others. 2007;83:1554,IM

Wallick DW. *see* Cingoz, Yanulis, & others. 2007;83:1858–62,NT

Wallrath J. *see* Riess, Bader, & others. 2007;83:1310–8*

Walsh GL. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Walther T. *see* Holzhey, Jacobs, & others. 2007;83:108–14*

Wang J, Liu H, Salerno TA, Xiang B, Li G, Gruwel M, Jackson M, Manley D, Tomanek B, Deslauriers R, Tian G. Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? 2007;83:1751–9*

Wang P, Zaragoza C, Holman W. Sodium hydrogen exchange inhibition and β -blockade additively decrease infarct size. 2007;83:1121–8*

Wang X-M. *see* Jin, Zhou, & others. 2007;83:2066–73*

Ward HB. *see* Adabag, Rector, & others. 2007;83:1744–50*

Warkentin TE, Crowther MA. When is hit really hit? 2007;83:21–3,ED

Warren O, Mandal K, Hadjianastassiou V, Knowlton L, Panesar S, John K, Darzi A. Recombinant activated factor vii in cardiac surgery: a systematic review. 2007;83:707–14,CV

Warren RJ. *see* Luthra, Tatoulis, & Warren. 2007;83:1530–2,CR

Washiyama N. *see* Kazui, Yamashita, & others. 2007;83:S796–798*

Washiyama N. *see* Shi, Kazui, & others. 2007;83:1484–90*

Watanabe K. *see* Kaji, Nomori, & others. 2007;83:312–4,CR

Waterbolk TW. *see* Roofthooft, Bergman, & others. 2007;83:1446–50*

Webb GD. *see* David, Feindel, & others. 2007;83:S732–735*

Weber S. *see* Sodian, Weber, & others. 2007;83:1854–7,NT

Wechsler AS. *see* Rankin, Tuttle, & others. 2007;83:1008–15*

Wehrley K. *see* Hickey, Karamlou, & others. 2007;83:895–901,AP

Wei X-F. *see* Jin, Zhou, & others. 2007;83:2066–73*

Weidemann J. *see* Baraki, Hagl, & others. 2007;83:S819–823*

Weidemann J. *see* Kamiya, Hagl, & others. 2007;83:1055–8*

Weigang E. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Weigang E. *see* Etz, Welp, & others. 2007;83:1697–706*

Weinstein GS. Type ii statistical error. 2007;83:724,CP

Weir G. *see* Roberts, Xiao, & Weir. 2007;83:598–605*

Weisel RD. *see* Kim, Li, & others. 2007;83:640–7*

Weisel RD. *see* Yau, Kim, & others. 2007;83:1110–20*

Weiss ES. *see* Patel, Williams, & others. 2007;83:2017–28*

Wellens F. *see* Bakir, Casselman, & others. 2007;83:331–40,CV

Wellens F. *see* Deshpande, Casselman, & others. 2007;83:2142–6*

Welp HA. *see* Etz, Welp, & others. 2007;83:1697–706*

Weng Y. *see* Koster, Huebler, & others. 2007;83:72–6*

Weng Y. *see* Koster, Weng, & others. 2007;83:1865–7,CR

Weng Y-g. *see* Knosalla, Weng, & others. 2007;83:1691–6*

Wernley MMJA. *see* Davies, Coe, & others. 2007;83:1593–602,DI

Wessel DL. *see* Lai, Laussen, & others. 2007;83:1768–73*

West D, Nicholson AG, Colquhoun I. Bronchioloalveolar carcinoma in congenital cystic adenomatoid malformation of lung. 2007;83:687–9,CR

Westaby S. Fifty years of thoracic aortic surgery: lessons learned and future directions. 2007;83:S832–834*

Westhoff-Bleck M. *see* Ono, Goerler, & others. 2007;83:2224–6,CR

Westhoff-Bleck M. *see* Tutarel, Roentgen, & Westhoff-Bleck. 2007;83:1581,CP

Wheatley GH III, McNutt R, Diethrich EB. Introduction to thoracic endografting: imaging, guidewires, guiding catheters, and delivery sheaths. 2007;83:272–8,NT

Wheatley GH III, Opie SR, Maas D, Sutherland J, Diethrich EB. Detection of unsuspected mitral valve prolapse using 64 multi-slice computed tomography. 2007;83:1555,IM

Whitford H. *see* Oto, Levvey, & others. 2007;83:257–64*

Whitson BA, Andrade RS, Boettcher A, Bardales R, Kratzke RA, Dahlberg PS, Maddaus MA. Video-assisted thoracoscopic surgery is more favorable than thoracotomy for resection of clinical stage i non-small cell lung cancer. 2007;83:1965–70*

Wiegmann DA. *see* ElBardissi, Wiegmann, & others. 2007;83:1412–9*

Wierup P, Lidén H, Johansson B, Nilsson M, Edvardsson N, Berglin EW-O. Health care consumption due to atrial fibrillation is markedly reduced by maze iii surgery. 2007;83:1713–6*

Wierup P. *see* Steen, Ingemannsson, & others. 2007;83:2191–5,NT

Wihlm J-M. *see* Massard, Kochetkova, & Wihlm. 2007;83:2258,CP

Williams BA. *see* Sugimura, Nichols, & others. 2007;83:409–18*

Williams DM. *see* Patel, Shillingford, & others. 2007;83:1628–34*

Williams JA. Valproic acid and bleeding: caution required. Reply. 2007;83:725–6,CP

Williams JA, Loey BL, Nwakanma LU, Dietz HC, Spevak PJ, Patel ND, François K, DeBacker J, Gott VL. Early surgical experience with loeys-dietz: a new syndrome of aggressive thoracic aortic aneurysm disease. 2007;83:S757–763*

Williams JA. *see* Kobayashi, Williams, & others. 2007;83:969–78*

Williams JA. *see* Patel, Williams, & others. 2007;83:2017–28*

Williams JL. *see* Palmer, Herbert, & others. 2007;83:986–92*

Williams T. *see* Svensson, Blackstone, & others. 2007;83:1067–74*

Williams TJ. *see* Oto, Levvey, & others. 2007;83:257–64*

Winkel S. *see* Riess, Bader, & others. 2007;83:1310–8*

Winokur TS. *see* Holman, Diethelm, & others. 2007;83:2201–3,CR

Wolf RK. *see* Goyal, Alexander, & others. 2007;83:993–1001*

Wolf RK. *see* Mehall, Kohut, & others. 2007;83:2118–21*

Wolner E. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Wolner E. *see* Zimpfer, Schoder, & others. 2007;83:664–6,CR

Wong DR, Coselli JS, Amerman K, Bozinovski J, Carter SA, Vaughn WK, LeMaire SA. Delayed spinal cord deficits after thoracoabdominal aortic aneurysm repair. 2007;83:1345–55*

Wong H-I. *see* Chuang, Jaw, & others. 2007;83:e2,IM

Wong PS. *see* Sorokin, Chong, & others. 2007;83:666–8,CR

Wood RE. *see* Pennathur, Luketich, & others. 2007;83:1820–5,DI

Woods EL. *see* Griep, Haverich, & others. 2007;83:S824–831,DI

Wright CD, Edwards FH. The society of thoracic surgeons general thoracic surgery database. 2007;83:893–4,ED

Wright CD. *see* Gassert, Honings, & others. 2007;83:1952–9*

Wright CD. *see* Grillo & Wright. 2007;83:1152–7*

Wright CD. *see* Smith, Mayer, & others. 2007;83:12–20,RE

Wu C. *see* Hannan, Wu, & others. 2007;83:921–30*

Wu J-M. *see* Lai, Wu, & Yang. 2007;83:304–6,CR

Wu KH, Zhou B, Yu CT, Cui B, Lu SH, Han ZC, Liu YL. Therapeutic potential of human umbilical cord derived stem cells in a rat myocardial infarction model. 2007;83:1491–500*

Wu S. *see* Zhang, Wu, & others. 2007;83:2176–81*

Wu Y. *see* Grunkemeier & Wu. 2007;83:1240–4*

Wurtz A. *see* Conti, Robin, & others. 2007;83:1924,CP

Wynn B. *see* Blackmon, Correa, & others. 2007;83:1805–13*

Xiang B. *see* Wang, Liu, & others. 2007;83:1751–9*

Xiao Q. *see* Roberts, Xiao, & Weir. 2007;83:598–605*

Xie J. *see* Schenke-Layland, Xie, & others. 2007;83:1641–50*

Xin M. *see* Jin, Zhou, & others. 2007;83:2066–73*

Xiumé F. *see* Brunelli, Refai, & others. 2007;83:1134–9*

Yacoub M. *see* George, Birks, & others. 2007;83:306–8,CR

Yagihara T. *see* Saito, Nakatani, & others. 2007;83:140–5*

Yaku H. *see* Shinkawa, Yamagishi, & others. 2007;83:188–92*

Yamagishi M. *see* Shinkawa, Yamagishi, & others. 2007;83:188–92*

Yamaguchi M. *see* Yoshida, Tobe, & Yamaguchi. 2007;83:354–5,CP

Yamashita K. *see* Kazui, Yamashita, & others. 2007;83:S796–798*

Yamashita K. *see* Shi, Kazui, & others. 2007;83:1484–90*

Yamashita T. *see* Kawanishi, Munakata, & others. 2007;83:456–61*

Yamazaki K, Yoshino I, Oba T, Yohena T, Kameyama T, Tagawa T, Kawano D, Koso H, Maehara Y. Ectopic pleural thymoma presenting as a giant mass in the thoracic cavity. 2007;83:315–7,CR

Yang C. *see* Rousou, Alameddine, & Yang. 2007;83:1906–7,HW

Yang P. *see* Sugimura, Nichols, & others. 2007;83:409–18*

Yang Y-J. *see* Kan & Yang. 2007;83:357–8,CP

Yang Y-J. *see* Lai, Wu, & Yang. 2007;83:304–6,CR

Yanulis G. *see* Cingoz, Yanulis, & others. 2007;83:1858–62,NT

Yau TM, DeGasperis A, DeGasperis L. Cell-based vegf delivery prevents donor cell apoptosis after transplantation. Reply. 2007;83:1234,CP

Yau TM, Kim C, Li G, Zhang Y, Fazel S, Spiegelstein D, Weisel RD, Li R-K. Enhanced angiogenesis with multimodal cell-based gene therapy. 2007;83:1110–20*

Ye J. *see* Jamieson, Moffatt-Bruce, & others. 2007;83:549–57*

Ye L, Haider HK, Guo C, Sim EKW. Cell-based vegf delivery prevents donor cell apoptosis after transplantation. 2007;83:1233–4,CP

Yeap BY. *see* Linden, Yeap, & others. 2007;83:425–32*

Yeh R. *see* Everett, Yeh, & others. 2007;83:592–7*

Yeh T. *see* Gandhi, Canter, & others. 2007;83:169–72,DI

Yetim TD. *see* Basoglu, Celik, & Yetim. 2007;83:1521–3,CR

Yi D-H. *see* Jin, Zhou, & others. 2007;83:2066–73*

Yigit S. *see* Tarhan, Kehlibar, & others. 2007;83:1867–9,CR

Yildirim T. *see* Ogus, Indelen, & Yildirim. 2007;83:676–8,CR

Yildirim T. *see* Ogu, Basaran, & others. 2007;83:496–501*

Yilmaz M. *see* Tarhan, Kehlibar, & others. 2007;83:1867–9,CR

Yoganathan AP. *see* Soerensen, Pekkan, & others. 2007;83:2182–90*

Yohena T. *see* Yamazaki, Yoshino, & others. 2007;83:315–7,CR

Yoo K-J. *see* Youn, Kwak, & Yoo. 2007;83:2111–7*

Yopp AC, Eckstein JG, Savel RH, Abrol S. Tracheal stenting of iatrogenic tracheal injury: a novel management approach. 2007;83:1897–9,CR

Yoshida K, Tobe S, Yamaguchi M. Are we using the right fluid mechanics principles? Reply. 2007;83:354–5,CP

Yoshida K. *see* Mizutani, Matsuura, & others. 2007;83:1368–73*

Yoshida N. *see* Eda, Matuura, & others. 2007;83:2219–20,CR

Yoshimoto K. *see* Ikeda, Nomori, & others. 2007;83:1199–201,CR

Yoshino I. *see* Yamazaki, Yoshino, & others. 2007;83:315–7,CR

Yoshioka M. *see* Ikeda, Nomori, & others. 2007;83:1199–201,CR

Yoshioka T. *see* Eda, Matuura, & others. 2007;83:2219–20,CR

Yoshioka T. *see* Mizutani, Matsuura, & others. 2007;83:1368–73*

You X. *see* Hickey, Karamlou, & others. 2007;83:895–901,AP

Youn Y-N, Kwak Y-L, Yoo K-J. Can the euroscore predict the early and mid-term mortality after off-pump coronary artery bypass grafting? 2007;83:2111–7*

Young CP. *see* Griepp, Haverich, & others. 2007;83:S824–831,DI

Young IS. *see* Allen, McBride, & others. 2007;83:578–85*

Yousefnia MA, Mandegar MH, Roshanali F, Alaeddini F, Amouzadeh F. Papillary muscle repositioning in mitral valve replacement in patients with left ventricular dysfunction. 2007;83:958–63*

Yu CT. *see* Wu, Zhou, & others. 2007;83:1491–500*

Yu JH. *see* Kang, Han, & others. 2007;83:691–3,CR

Yun T. *see* Seo, Shin, & others. 2007;83:2248–50,HW

Yun T-J, Cho W-C, Jung S-H, Seo D-M, Goo H-W, Kim Y-H. Reverse blalock-taussig shunt facilitates the growth of the ascending aorta after hybrid palliation. 2007;83:1886–8,CR

Zacharias J, Lerman D, Knowles A. Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? 2007;83:2260,CP

Zamfir CR, Vernet M, Funes de la Vega M, Sapin E. Patent ductus arteriosus ligation: the ligasure system may be unreliable. 2007;83:2228–30,CR

Zannini P. *see* Melloni, Cremona, & others. 2007;83:1946–51*

Zanobini M. *see* Parolari, Naliato, & others. 2007;83:2009–16*

Zaragoza C. *see* Wang, Zaragoza, & Holman. 2007;83:1121–8*

Zebis LR, Christensen TD, Thomsen HF, Mikkelsen MM, Folkersen L, Sørensen HT, Hjortdal VE. Practical regimen for amiodarone use in preventing postoperative atrial fibrillation. 2007;83:1326–31*

Zehr KJ. Mitral valve repair and replacement in endocarditis: a systematic review of literature. 2007;83:570–1,IC

Zehr KJ. *see* Cook, Huston, & others. 2007;83:1389–95*

Zehr KJ. *see* Dhareshwar, Zehr, & Schaff. 2007;83:1562–3,HW

Zeicher A. *see* Aicher, Urbich, & others. 2007;83:1290–4*

Zelenikin MA. *see* Bockeria, Podzolkov, & others. 2007;83:613–8*

Zellos L. *see* Linden, Bueno, & others. 2007;83:1129–33*

Zellos L. *see* Paul, Raja, & others. 2007;83:1188–90,CR

Zellos L. *see* Paul, Talbot, & others. 2007;83:1519–21,CR

Zerkowski H-R. *see* Matt, Zerkowski, & others. 2007;83:320,IM

Zhang B, Wu S, Liang J, Zhang G, Jiang G, Zhou M, Li X. Unidirectional monovalve homologous aortic patch for repair of ventricular septal defect with pulmonary hypertension. 2007;83:2176–81*

Zhang G. *see* Zhang, Wu, & others. 2007;83:2176–81*

Zhang L, Kapetanakis EI, Cooke RH, Sweet LC, Boyce SW. Bi-ventricular circulatory support with the abomed ab5000 system in a patient with idiopathic refractory ventricular fibrillation. 2007;83:298–300,CR

Zhang N. *see* Strauch, Lauten, & others. 2007;83:2130–4*

Zhang Y. *see* Kim, Li, & others. 2007;83:640–7*

Zhang Y. *see* Yau, Kim, & others. 2007;83:1110–20*

Zheng Z. *see* Li, Omo, & others. 2007;83:321,IM

Zhou B. *see* Wu, Zhou, & others. 2007;83:1491–500*

Zhou J-J. *see* Jin, Zhou, & others. 2007;83:2066–73*

Zhou M. *see* Zhang, Wu, & others. 2007;83:2176–81*

Zhu J. *see* Friscia, Zhu, & others. 2007;83:252–7*

Ziemer G. *see* Brown, Ruzmetov, & others. 2007;83:1781–9,DI

Ziemer G. *see* Steger, Mika, & others. 2007;83:1940–5*

Ziemer G. *see* Vida, Berggren, & others. 2007;83:161–8*

Ziemer G. *see* Walker, Bail, & others. 2007;83:1047–54*

Zierer A, Melby SJ, Voeller RK, Guthrie TJ, Al-Dadah AS, Meyers BF, Pasque MK, Ewald GA, Moon MR, Moazami N. Significance of neurologic complications in the modern era of cardiac transplantation. 2007;83:1684–90*

Zierer A, Moon MR, Melby SJ, Moazami N, Lawton JS, Kouchoukos NT, Pasque MK, Damiano RJ Jr. Impact of perfusion strategy on neurologic recovery in acute type a aortic dissection. 2007;83:2122–9*

Zierer A. *see* Kaiser, Melby, & others. 2007;83:30–5*

Zierer A. *see* Melby, Zierer, & others. 2007;83:1651–7*

Zimpfer D, Schoder M, Gottardi R, Lammer J, Wolner E. Treatment of type v endoleaks by endovascular redo stent-graft placement. 2007;83:664–6,CR

Zimpfer D. *see* Czerny, Grimm, & others. 2007;83:450–5*

Zimpfer D. *see* Czerny, Zimpfer, & others. 2007;83:1635–40*

Zipfel B, Hammerschmidt R, Krabatsch T, Buz S. Stent-grafting of the thoracic aorta by the cardiothoracic surgeon. 2007;83:441–9,MP

Zittermann A. *see* Koertke, Zittermann, & others. 2007;83:24–9*

Zoumboulides A. *see* Kotoulas, Patris, & others. 2007;83:1524–6,CR

Zünd G. *see* Plass, Grünenfelder, & others. 2007;83:1210–2,HW

Zurkowski D. *see* Baird, Zurkowski, & others. 2007;83:912–20*

Zurkowski D. *see* Odegard, Zurkowski, & others. 2007;83:1797–804*

Zurera L. *see* Sanchez, Alados, & others. 2007;83:693–5,CR

Subject Index

Volume 83 (January–June 2007)

KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article
AB = Abstract
AN = Announcement
CP = Correspondence
CR = Case Report
CV = Current Review
DI = Discussion
ED = Editorial
ER = Erratum

ET = Ethics in
Cardiothoracic Surgery
HW = How to Do It
IC = Invited Commentary
IM = Images in
Cardiothoracic Surgery
KR = Key References
NT = New Technology

PA = Presidential Address
PP = President's Page
RE = Report
RV = Review of Recent
Books
SH = Our Surgical Heritage
SP = Statistician's Page
TR = Tribute
UP = Update

Abdominal aorta

Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient (Nakajima, Tsuchiya, & others) 2007;83:2216–9, CR

Aberrant right subclavian artery

Use of the aberrant right subclavian artery in complex aortic arch reconstruction (Bacha & Sawaqed) 2007;83:1566–8, HW

Abiomed AB5000 system bi-ventricular assist device

Bi-ventricular circulatory support with the Abiomed AB5000 system in a patient with idiopathic refractory ventricular fibrillation (Zhang, Kapetanakis, & others) 2007;83:298–300, CR

Ablation

Thoracoscopic microwave epicardial ablation: feasibility for the treatment of idiopathic sinus node tachycardia (Shandling, Rieders, & Bethencourt) 2007;83:300–2, CR

Absent pulmonary valve syndrome

The Lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome (Tissot, Aggoun, & others) 2007;83:727, CP; Reply (Nölke, Alphonso, & Karl) 2007;83:727–8

Activated clotting time

Anticoagulation and pediatric extracorporeal membrane oxygenation: impact of activated clotting time and heparin dose on survival (Baird, Zurakowski, & others) 2007;83:912–20*; Discussion (Hines, Baird, & Pearl) 2007;83:919–20, DI

Activated factor VI

Caution with the use of recombinant activated factor VII in treating postoperative hemorrhage in cardiac surgery (Al-Ruzeh, Mahmoud, & others) 2007;83:355, CP; Reply (Tatoulis) 2007;83:355–6

Acute lung injury

Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83:153–60*; Invited Commentary (Jessen) 2007;83:160, IC

January issue, pp 1–360; February issue, pp 361–728; February suppl, pp S729–S892; March issue, pp 893–1236; April issue, pp 1237–1584; April suppl, pp S1–S26; May issue, pp 1585–1926; May suppl, pp S27–S86; June issue, pp 1927–2351.

Acute myocardial infarction

Cardiac paraganglioma presenting with acute myocardial infarction and stroke (Hayek, Hughes, & others) 2007;83:1882–4, CR

Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization (Onorati, Cristodoro, & others) 2007;83:1016–23*

Acute normovolemic hemodilution

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Acute type B aortic dissection

Endovascular repair of acute type B aortic dissection: long-term follow-up of true and false lumen diameter changes (Schoder, Czerny, & others) 2007;83:1059–66*

Adenocarcinoma

See also Lung cancer

¹¹C-Acetate and ¹⁸F-fluorodeoxyglucose positron emission tomography of pulmonary adenocarcinoma (Kaji, Nomori, & others) 2007;83:312–4, CR

Has smoking status only a prognostic value in patients with stage I pulmonary adenocarcinomas (Nia & Schil) 2007;83:358, CP

Immunopathological patterns of the stomach in adenocarcinoma of the esophagus, cardia, and gastric antrum: gastric profiles in Siewert type I and II tumors (Mattioli, Ruffato, & others) 2007;83:1814–9*

Prognostic significance of a histologic subtype in small adenocarcinoma of the lung: the impact of nonbronchioloalveolar carcinoma components (Sakao, Miyamoto, & others) 2007;83:209–15*; Invited Commentary (Pelosi & Rosai) 2007;83:214–5, IC

Adenosine

Postconditioning the human heart with adenosine in heart valve replacement surgery (Jin, Zhou, & others) 2007;83:2066–73*; Invited Commentary (Krukenkamp) 2007;83:2073, IC

AF0144

Are cerebral emboli real when perfluorocarbon emulsion (AF0144) is used in cardiac surgery? (Mattrey) 2007;83:1922–3, CP; Reply (Hill & Grocott) 2007;83:1923

Airway obstruction

Long-term follow-up of Ultraflex metallic stents in benign and malignant central airway obstruction (Husain, Finch, & others) 2007;83:1251–6*

Alkaline phosphatase

Transforming growth factor- β 1 mechanisms in aortic valve calcification: increased alkaline phosphatase and related events (Clark-Greuel, Connolly, & others) 2007;83:946–53*

Allografts

Does cryopreservation destroy the extracellular matrix of pulmonary allografts? (Dohmen & Konertz) 2007;83:1921, CP; Reply (Schenke-Layland & Stock) 2007;83:1921–2

Ambient temperature

Temperature changes stimulate contraction in the human radial artery and affect response to vasoconstrictors (Oo, Conant, & others) 2007;83:126–33*; Invited Commentary (Perrault & Mommerot) 2007;83:132–3, IC

Amiodarone

Practical regimen for amiodarone use in preventing postoperative atrial fibrillation (Zebis, Christensen, & others) 2007;83:1326–31*

Amplatzer occlusion device

Late embolization of Amplatzer patent ductus arteriosus occlusion device with thoracic aorta embedment (McMullan, Moulik, & Jonas) 2007;83:1177–9, CR

Anastomoses

Propensity-matched analysis of three techniques for intrathoracic esophagogastric anastomosis (Blackmon, Correa, & others) 2007;83:1805–13*; Discussion (Miller & Blackmon) 2007;83:1813, DI

64-slice CT angiography of saphenous vein graft anastomoses fashioned with interrupted Nitinol clips (Peterman, Hammann, & Schussler) 2007;83:1204, IM

Tube-graft inversion for the construction of an “open” distal anastomosis during ascending aortic replacement: a new technique (Alexiou & Sosnowski) 2007;83:326–8, HW

Use of pedicled omentum and endostaplers in esophagogastric anastomosis (Karaoglanoglu, Turyilmaz, & Eroglu) 2007;83:2259–60, CP

Aneurysms

See also Aortic aneurysms; Pseudoaneurysm; Thoracic aortic aneurysms

Aneurysmal dilatation of the Contegra bovine jugular vein conduit after reconstruction of the right ventricular outflow tract (Delmo-Walter, Alexi-Meskishvili, & others) 2007;83:682–4, CR

Aortic valve preservation in patients with aortic root aneurysm: results of the reimplantation technique (David, Feindel, & others) 2007;83:S732–5*

Bacteremia causes mycotic aneurysm of the aortic arch in 110 days (Iida, Sudo, & Ukita) 2007;83:1874–6, CR

Bronchial artery aneurysm treated with aortic stent graft and fibrin sealant (Sanchez, Alados, & others) 2007;83:693–5, CR

Delayed spinal cord deficits after thoracoabdominal aortic aneurysm repair (Wong, Coselli, & others) 2007;83:1345–55*; Discussion (Sundt & Coselli) 2007;83:1355, DI

Drug-eluting stent-induced left anterior descending coronary artery aneurysm: repair by pericardial patch—where are we headed? (Luthra, Tatoulis, & Warren) 2007;83:1530–2, CR

Early surgical experience with Loeys-Dietz: a new syndrome of aggressive thoracic aortic aneurysm disease (Williams, Loeys, & others) 2007;83:S757–63*

Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections (Czerny, Zimpfer, & others) 2007;83:1635–40*; Invited Commentary (Mitchell) 2007;83:1640, IC

Frozen elephant trunk technique for treatment of thoracic aortic aneurysms (Baraki, Hagl, & others) 2007;83:S819–23*

Giant circumflex coronary artery aneurysm associated with cystic medial necrosis in a non-Marfan patient (Takeda, Matsumiya, & others) 2007;83:668–70, CR

Large Valsalva sinus aneurysm simulating an interatrial septum mass (Reverdin, Rabaeus, & Kalangos) 2007;83:696, IM

Late disruption of a Freestyle stentless bioprosthesis used for repair of sinus of Valsalva aneurysm of noncoronary cusp (Takami, Masumoto, & Fyfe-Kirschner) 2007;83:2210–3, CR

Long-term experience of girdling the ascending aorta with Dacron mesh as definite treatment for aneurysmal dilation (Cohen, Odim, & others) 2007;83:S780–4*

Long-term follow-up after thoracoabdominal aortic aneurysm repair (Schepens, Kelder, & others) 2007;83:S851–5*

Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation (Nassar, Llana, & others) 2007;83:663–4, CR

Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve (Davies, Kaple, & others) 2007;83:1338–44*

New technique of aortic root reconstruction with aortic valve annuloplasty in ascending aortic aneurysm (Rama, Rubin, & others) 2007;83:1908–10, HW

One-step surgical approach of a thoracic aortic aneurysm in Wiskott-Aldrich syndrome (Bernabeu, Josa, & others) 2007;83:1537–8, CR

Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041–6*

Optimization of aortic arch replacement with a one-stage approach (Kouchoukos, Mauney, & others) 2007;83:S811–4*

Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta (Czerny, Grimm, & others) 2007;83:450–5*

Surgery of left ventricular aneurysm: a meta-analysis of early outcomes following different reconstruction techniques (Parolari, Naliato, & others) 2007;83:2009–16*; Invited Commentary (Anderson) 2007;83:2016, IC

Thoracoabdominal aneurysm repair: a 20-year perspective (Conrad, Crawford, & others) 2007;83:S856–61*

Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient (Nakajima, Tsuchiya, & others) 2007;83:2216–9, CR

Total arch replacement for a distal aortic arch aneurysm with right aortic arch (Kiokawa, Goh, & others) 2007;83:e3–5, HW

Valve-sparing operation for aortic root aneurysm late after Mustard procedure (Ono, Goerler, & others) 2007;83:2224–6, CR

Angiodysplasia

Successful aortic valve replacement with Heyde syndrome with confirmed hematologic recovery (Morishima, Marui, & others) 2007;83:287–8, CR

Angiogenesis

Effects of cell-based angiogenic gene therapy at 6 months: persistent angiogenesis and absence of oncogenicity (Kim, Li, & others) 2007;83:640–7*; Invited Commentary (Nikolaos, Rauend, & Alfred) 2007;83:646–7, IC

Angiogenesis (cont'd)

- Enhanced angiogenesis with multimodal cell-based gene therapy (Yau, Kim, & others) 2007;83:1110–20*; Invited Commentary (Feng & Sellke) 2007;83:1119–20, IC

Angiography

- Angiographic fate of collateral vessels after surgical revascularization of the totally occluded left anterior descending artery (Takami & Masumoto) 2007;83:120–5*
- Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography (Schachner, Feuchtner, & others) 2007;83:1361–7*
- Exclusive internal thoracic artery grafting in triple-vessel-disease patients: angiographic control (Azmoun, Ramadan, & others) 2007;83:2098–102
- 64-slice CT angiography of saphenous vein graft anastomoses fashioned with interrupted Nitinol clips (Peterman, Hammam, & Schussler) 2007;83:1204, IM
- Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty (Botman, Post, & others) 2007;83:490–5*; Invited Commentary (Dion) 2007;83:494–5, IC

Angiomyolipoma

- Surgical management of a giant thoracic angiomyolipoma (Holman, Diethelm, & others) 2007;83:2201–3, CR

Angioplasty

- Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty (Botman, Post, & others) 2007;83:490–5*; Invited Commentary (Dion) 2007;83:494–5, IC

Angiotensin-converting enzyme inhibitors

- Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993–1001*

Angiotensin II

- Do cardiac neuropeptides play a role in the occurrence of atrial fibrillation after coronary bypass surgery? (Guler, Ozkara, & others) 2007;83:532–7*

Animal models

- Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation (Nguyen, Cheng, & others) 2007;83:47–54*
- Anatomy of spinal cord blood supply in the pig (Strauch, Lauten, & others) 2007;83:2130–4*
- Gastroesophageal reflux leads to down regulation of DNA mismatch repair pathway in an animal model of esophageal cancer (Bonde, Gao, & others) 2007;83:433–40*; Discussion (Chang, Bonde, & others) 2007;83:440, DI
- Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83:153–60*; Invited Commentary (Jessen) 2007;83:160, IC
- Revisiting animal models of aortic stenosis in the early gestation fetus (Eghtesady, Michelfelder, & others) 2007;83:631–9*
- Use of conventional dual chamber pacemakers with custom lead adapters to induce atrial fibrillation or heart failure in dogs (Cingoz, Yanulis, & others) 2007;83:1858–62, NT

Annuloplasty

- Edge-to-edge mitral repair without annuloplasty in combination with surgical ventricular restoration (Sartipy, Albåge, & others) 2007;83:1303–9*
- New technique of aortic root reconstruction with aortic valve annuloplasty in ascending aortic aneurysm (Rama, Rubin, & others) 2007;83:1908–10, HW

Anomalous left anterior descending coronary artery from the pulmonary artery

- Anomalous coronary artery from the wrong sinus of Valsalva: a physiologic repair strategy (Alphonso, Anagnostopoulos, & others) 2007;83:1472–6*
- Anomalous left anterior descending coronary artery from pulmonary artery with ventricular septal defect (Stephen, Kuruvala, & others) 2007;83:1175–7, CR
- Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery (Lange, Vogt, & others) 2007;83:1463–71*; Invited Commentary (Pizarro) 2007;83:1471, IC

Anomalous origin of the right coronary artery

- Right coronary artery with high takeoff (Tarhan, Kehlibar, & others) 2007;83:1867–9, CR

Antegrade cerebral perfusion

- Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion (Mazzola, Gregorini, & others) 2007;83:1564–5, HW

Antegrade perfusion

- Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? (Wang, Liu, & others) 2007;83:1751–9*; Invited Commentary (Selzman) 2007;83:1758–9, IC

Anterior mitral leaflets

- Anterior mitral leaflet augmentation with autologous pericardium (Aubert, Flecher, & others) 2007;83:1560–1, HW
- "Hybrid flip-over" technique for anterior leaflet prolapse repair (Mesana, Ibrahim, & others) 2007;83:322–3, HW
- Pericardial patch augmentation of both anterior and septal leaflets in Ebstein's anomaly (Ogus, Indelen, & others) 2007;83:676–8, CR

Antibiotic prophylaxis

- Society of Thoracic Surgeons Practice Guideline Series: antibiotic prophylaxis in cardiac surgery, part II: antibiotic choice (Engelman, Shahian, & others) 2007;83:1569–76, RE

Antibodies

- Positive heparin-platelet factor 4 antibody complex and cardiac surgical outcomes (Kress, Aronson, & others) 2007;83:1737–43*

Anticoagulants

- Successful use of bivalirudin as anticoagulant for ECMO in a patient with acute HIT (Koster, Weng, & others) 2007;83:1865–7, CR

Anticoagulation

- Anticoagulation and pediatric extracorporeal membrane oxygenation: impact of activated clotting time and heparin dose on survival (Baird, Zurkowski, & others) 2007;83:912–20*; Discussion (Hines, Baird, & Pearl) 2007;83:919–20, DI
- Self-management of oral anticoagulation therapy improves long-term survival in patients with mechanical heart valve replacement (Koertke, Zittermann, & others) 2007;83:24–9*

Antifibrinolytics

- Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Antiphospholipid syndrome

Myocardial infarction secondary to a coronary ostial thrombus in antiphospholipid syndrome (Romeh, Chhatriwalla, & others) 2007;83:1170–1, CR

Antiplatelet agents

Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993–1001*

Antithrombotic therapy

Early antithrombotic therapy for aortic valve bioprostheses: is there an indication for routine use? (Jamieson, Moffatt-Bruce, & others) 2007;83:549–57*; Discussion (Ferdinand, Jamieson, & Baumgartner) 2007;83:556–7, DI

α-1-Antitrypsin deficiency

Lung volume reduction surgery in patients with emphysema and α-1-antitrypsin deficiency (Stoller, Gildea, & others) 2007;83:241–51*

Aorta

Long-term experience of girdling the ascending aorta with Dacron mesh as definite treatment for aneurysmal dilation (Cohen, Odim, & others) 2007;83:S780–4*

Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation (Nassar, Llana, & others) 2007;83:663–4, CR

Panel discussion: session I—ascending aorta (Miller, Bachet, & others) 2007;83:S785–90, DI

Primary sarcoma of the thoracic aorta (Kouchoukos & Masetti) 2007;83:e1, IM

Prosthetic replacement of the ascending aorta increases wall tension in the residual aorta (Scharfschwerdt, Sievers, & others) 2007;83:954–7*

Reoperation for giant false aneurysm of the thoracic aorta: how to reenter the chest? (Bachet, Pirotte, & others) 2007;83:1610–4*

Reverse Blalock-Taussig shunt facilitates the growth of the ascending aorta after hybrid palliation (Yun, Cho, & others) 2007;83:1886–8, CR

Risk factors of neurologic deficit after thoracic aortic endografting (Khoynezhad, Donayre, & others) 2007;83:S822–9*

Single-stage surgical repair of type II acute aortic dissection associated with coarctation of the aorta (Horai, Shimokawa, & others) 2007;83:1174–5, CR

Stent-grafting of the thoracic aorta by the cardiothoracic surgeon (Zipfel, Hammerschmidt, & others) 2007;83:441–9*; Discussion (Bavaria & Zipfel), DI

Survival benefit of endovascular descending thoracic aorta repair for the high-risk patient (Patel, Shillingford, & others) 2007;83:1628–34*; Discussion (Kern, Patel, & Sundt) 2007;83:1633–4, DI

Topography of aortic atherosclerosis enhances its precision as a predictor of stroke (van der Linden, Bergman, & Hadjinikolaou) 2007;83:2087–92*; Invited Commentary (Bilfinger) 2007;83:2092, IC

Tube-graft inversion for the construction of an “open” distal anastomosis during ascending aortic replacement: a new technique (Alexiou & Sosnowski) 2007;83:326–8, HW

Unsupported reduction ascending aortoplasty: fate of diameter and of Windkessel function (Walker, Bail, & others) 2007;83:1047–54*; Invited Commentary (Sundt) 2007;83:1053–4, IC

Aortic aneurysms

See also Aneurysms

Delayed spinal cord deficits after thoracoabdominal aortic aneurysm repair (Wong, Coselli, & others) 2007;83:1345–55*; Discussion (Sundt & Coselli) 2007;83:1355, DI

Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve (Davies, Kaple, & others) 2007;83:1338–44*

One-step surgical approach of a thoracic aortic aneurysm in Wiskott-Aldrich syndrome (Bernabeu, Josa, & others) 2007;83:1537–8, CR

Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041–6*

Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient (Nakajima, Tsuchiya, & others) 2007;83:2216–9, CR

Aortic annulus

Aortic annular enlargement during aortic valve replacement: improving results with time (Peterson, Borger, & others) 2007;83:2044–9*

“Double overlap” suture technique for the proximal attachment of a composite graft to the aortic annulus (Rousou, Alameddine, & Yang) 2007;83:1906–7, HW

Aortic arch

Bacteremia causes mycotic aneurysm of the aortic arch in 110 days (Iida, Sudo, & Ukita) 2007;83:1874–6, CR

Hybrid technique for total arch repair: aortic neck reshaping for endovascular-graft fixation (Antona, Vanelli, & others) 2007;83:1158–61, NT

Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation (Nassar, Llana, & others) 2007;83:663–4, CR

Panel discussion: session II—aortic arch (Griepp, Bonser, & others) 2007;83:S824–31, DI

Quick proximal arch replacement with moderate hypothermic circulatory arrest (Kamiya, Hagl, & others) 2007;83:1055–8*

Rare presentation of subclavian artery isolation in a neonate with a family history of aortic arch anomalies (Ashrafiyan, Tsang, & Kostolny) 2007;83:2226–8, CR

Total arch replacement for a distal aortic arch aneurysm with right aortic arch (Kiokawa, Goh, & others) 2007;83:e3–5, HW

Tracheal compression with “hairpin” right aortic arch: management by aortic division and aortopexy by right thoracotomy guided by intraoperative bronchoscopy (Grillo & Wright) 2007;83:1152–7*

When should the aortic arch be replaced in Marfan patients? (Bachet, Larrazet, & others) 2007;83:S774–9*

Aortic arch aneurysm

Total arch replacement for a distal aortic arch aneurysm with right aortic arch (Kiokawa, Goh, & others) 2007;83:e3–5, HW

Aortic arch reconstruction

Use of the aberrant right subclavian artery in complex aortic arch reconstruction (Bacha & Sawaqed) 2007;83:1566–8, HW

Aortic arch replacement

Aortic arch replacement using selective cerebral perfusion (Kazui, Yamashita, & others) 2007;83:S796–8*

Aortic arch replacement with a trifurcated graft (Spielvogel, Etz, & others) 2007;83:S791–5*

Optimization of aortic arch replacement: two-stage approach (Safia, Miller, & others) 2007;83:S815–8*

Aortic arch replacement (cont'd)

- Optimization of aortic arch replacement with a one-stage approach (Kouchoukos, Mauney, & others) 2007;83:S811–4*

Aortic dissection

- Acute type A aortic dissection at 17 weeks of gestation in a Marfan patient (Seeburger, Mohr, & Falk) 2007;83:674–6, CR
- Combined open and endovascular repair of acute type A aortic dissection (Sorokin, Chong, & others) 2007;83:666–8, CR
- Endovascular repair of acute type B aortic dissection: long-term follow-up of true and false lumen diameter changes (Schoder, Czerny, & others) 2007;83:1059–66*
- Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections (Czerny, Zimpfer, & others) 2007;83:1635–40*; Invited Commentary (Mitchell) 2007;83:1640, IC
- Impact of perfusion strategy on neurologic recovery in acute type A aortic dissection (Zierer, Moon, & others) 2007;83:2122–9*; Discussion (Sundt, Zierer, & Baisden) 2007;83:2128–9, DI
- Late complications of gelatin-resorcin-formalin glue in the repair of acute type A aortic dissection (Hata, Takano, & others) 2007;83:1621–7*; Invited Commentary (LeMaire) 2007;83:1626–7, IC
- Left ventricular diastolic dysfunction in chronic aortic dissection (Shingu, Shiyya, & others) 2007;83:1356–60*
- Midterm results of aortic repair using a fabric neomedia and fibrin glue for type A acute aortic dissection (Nakjima, Kawazoe, & others) 2007;83:1615–20*
- Modified trifurcated graft in acute type A aortic dissection with the least brain ischemic time (Chen & Hsieh) 2007;83:e6–8, HW
- One-stage repair with a new integrated stent-Dacron prosthesis for type B aortic dissection (Panos, Kalakonas, & others) 2007;83:1535–6, CR
- Panel discussion: session III—natural history and dissection (Coselli, Bavaria, & others) 2007;83:S846–50, DI
- Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score (Rampoldi, Trimarchi, & others) 2007;83:55–61*
- Single-stage surgical repair of type II acute aortic dissection associated with coarctation of the aorta (Horai, Shimokawa, & others) 2007;83:1174–5, CR
- Takayasu's arteritis mimicking acute aortic dissection (Theodore, Vaidyanathan, & others) 2007;83:1876–8, CR
- Temporary perfusion for mesenteric ischemia with acute type A aortic dissection (Okada, Okimoto, & others) 2007;83:293–4, CR
- Update on outcomes of acute type B aortic dissection (Estrera, Miller, & others) 2007;83:S842–5*
- What is the optimal management of late-presenting survivors of acute type A aortic dissection? (Davies, Coe, & others) 2007;83:1593–602*; Discussion (Bolman, Davies, & others) 2007;83:1601–2, DI

Aortic graft

- "Double overlap" suture technique for the proximal attachment of a composite graft to the aortic annulus (Rousou, Alameddine, & Yang) 2007;83:1906–7, HW

Aortic neck

- Hybrid technique for total arch repair: aortic neck reshaping for endovascular-graft fixation (Antona, Vanelli, & others) 2007;83:1158–61, NT

Aortic patch

- Unidirectional monovalve homologous aortic patch for repair of ventricular septal defect with pulmonary hypertension (Zhang, Wu, & others) 2007;83:2176–81*; Invited Commentary (Magee) 2007;83:2181, IC

Aortic root

- Aortic valve replacement with 17-mm St. Jude medical prostheses for a small aortic root in elderly patients (Takaseya, Kawara, & others) 2007;83:2050–3*
- Remodeling or reimplantation for valve-sparing aortic root surgery? (Erasmi, Sievers, & others) 2007;83:S752–6*
- Valve-sparing reconstruction within the native aortic root: integrating the Yacoub and the David methods (Kollar) 2007;83:2241–3, HW

Aortic root aneurysm

- Aortic valve preservation in patients with aortic root aneurysm: results of the reimplantation technique (David, Feindel, & others) 2007;83:S732–5*
- Valve-sparing operation for aortic root aneurysm late after Mustard procedure (Ono, Goerler, & others) 2007;83:2224–6, CR

Aortic root reconstruction

- New technique of aortic root reconstruction with aortic valve annuloplasty in ascending aortic aneurysm (Rama, Rubin, & others) 2007;83:1908–10, HW

Aortic root replacement

- Coronary insufficiency after stentless aortic root replacement: risk factors and solutions (Kincaid, Cordell, & others) 2007;83:964–8*; Discussion (Moon, Kincaid, & others) 2007;83:968, DI
- Reimplantation valve-sparing aortic root replacement in Marfan syndrome using the Valsalva conduit: an intercontinental multicenter study (Settepani, Szeto, & others) 2007;83:S769–73*
- Valve-sparing aortic root replacement: current state of the art and where are we headed? (Miller) 2007;83:S736–9

Aortic stenosis

- Effect of aortic valve replacement for aortic stenosis on severity of mitral regurgitation (Eynden, Bouchard, & others) 2007;83:1279–84*
- Long-term consequences of postoperative heart failure after surgery for aortic stenosis compared with coronary surgery (Vánky, Hákanson, & Svedjeholm) 2007;83:2036–43*
- Modified simple sliding aortoplasty for supravalvular aortic stenosis (Seo, Shin, & others) 2007;83:2248–50, HW
- Revisiting animal models of aortic stenosis in the early gestation fetus (Eghtesady, Michelfelder, & others) 2007;83:631–9*

Aortic surgery

- Axillary versus femoral cannulation for aortic surgery: enough evidence for a general recommendation? (Gulbins, Pritsanac, & Ennker) 2007;83:1219–24*, CV

Aortic valve

- Aortic valve preservation in patients with aortic root aneurysm: results of the reimplantation technique (David, Feindel, & others) 2007;83:S732–5*
- Aortic valve-sparing operation in Marfan syndrome: what do we know after a decade? (Kallenbach, Baraki, & others) 2007;83:S764–8*
- Concomitant traumatic aortic valve and coronary artery injury (Aoyagi, Okazaki, & others) 2007;83:289–91, CR
- Delayed pseudoaneurysm of the mitral-aortic intervalvular fibrosa (Economopoulos) 2007;83:2233, IM
- Preservation of the bicuspid aortic valve (Schäfers, Aicher, & others) 2007;83:S740–5*

Surgical pitfalls of the quadricuspid aortic valve (Tutarel, Roentgen, & Westhoff-Bleck) 2007;83:1581; Reply (Pirundini, Lilly, & Rizzo) 2007;83:1581

Aortic valve annuloplasty
New technique of aortic root reconstruction with aortic valve annuloplasty in ascending aortic aneurysm (Rama, Rubin, & others) 2007;83:1908–10, HW

Aortic valve bioprostheses
Early antithrombotic therapy for aortic valve bioprostheses: is there an indication for routine use? (Jamieson, Moffatt-Bruce, & others) 2007;83:549–57*; Discussion (Ferdinand, Jamieson, & Baumgartner) 2007;83:556–7, DI

Aortic valve calcification
Transforming growth factor- β 1 mechanisms in aortic valve calcification: increased alkaline phosphatase and related events (Clark-Greuel, Connolly, & others) 2007;83:946–53*

Aortic valve disease
Endothelial nitric oxide synthase in bicuspid aortic valve disease (Aicher, Urbich, & others) 2007;83:1290–4*

Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease (Goland, Czer, & others) 2007;83:931–7*

Aortic valve lipoma
Aortic valve lipoma (Matsushita, Huynh, & others) 2007;83:2220–2, CR

Aortic valve reimplantation
Adjustable sinotubular junction for aortic valve reimplantation procedures (Maselli, Guerracino, & others) 2007;83:700–2, HW

Aortic valve repair
Aortic valve repair: the functional approach to leaflet prolapse and valve-sparing surgery (Jeanmart, de Kerchove, & others) 2007;83:S746–51*

Aortic valve replacement
See also Valve replacement
Aortic annular enlargement during aortic valve replacement: improving results with time (Peterson, Borger, & others) 2007;83:2044–9*

Aortic valve replacement and concomitant coronary artery bypass: assessing the impact of multiple grafts (Kobayashi, Williams, & others) 2007;83:969–78*; Invited Commentary (Kurlansky) 2007;83:978, IC

Aortic valve replacement in octogenarians: risk factors for early and late mortality (Melby, Zierer, & others) 2007;83:1651–7*; Discussion (Fullerton, Melby, & Moon) 2007;83:1656–7, DI

Aortic valve replacement with 17-mm St. Jude medical prostheses for a small aortic root in elderly patients (Takaseya, Kawara, & others) 2007;83:2050–3*

Beating heart aortic valve replacement after previous coronary artery bypass surgery with a patent internal mammary artery graft (Battelini, Rastan, & others) 2007;83:1206–9, HW

Early clinical and hemodynamic outcomes after stented and stentless aortic valve replacement: results from a randomized controlled trial (Ali, Halstead, & others) 2007;83:2162–8*

Effect of aortic valve replacement for aortic stenosis on severity of mitral regurgitation (Eynden, Bouchard, & others) 2007;83:1279–84*

Implantation of the CoreValve percutaneous aortic valve (Lamarche, Cartier, & others) 2007;83:284–7, CR

Incidence of and risk factors for pulmonary autograft dilation after Ross aortic valve replacement (Brown, Ruzmetov, & others) 2007;83:1781–9*; Discussion (Fraser, Brown, & others) 2007;83:1787–8, DI

Minimally invasive closed circuit versus standard extracorporeal circulation for aortic valve replacement (Castiglioni, Verzini, & others) 2007;83:586–91*

Postoperative coronary artery spasm complicating aortic valve replacement: implications for identification and treatment (Pragliola, Altamura, & others) 2007;83:670–2, CR

Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease (Goland, Czer, & others) 2007;83:931–7*

Successful aortic valve replacement with Heyde syndrome with confirmed hematologic recovery (Morishima, Marui, & others) 2007;83:287–8, CR

Aortopexy
Tracheal compression with "hairpin" right aortic arch: management by aortic division and aortopexy by right thoracotomy guided by intraoperative bronchoscopy (Grillo & Wright) 2007;83:1152–7*

Aortoplasty
Modified simple sliding aortoplasty for supravalvular aortic stenosis (Seo, Shin, & others) 2007;83:2248–50, HW

Unsupported reduction ascending aortoplasty: fate of diameter and of Windkessel function (Walker, Bail, & others) 2007;83:1047–54*; Invited Commentary (Sundt) 2007;83:1053–4, IC

Apoptosis
Cell-based VEGF delivery prevents donor cell apoptosis after transplantation (Ye, Haider, & others) 2007;83:1233–4; Reply (Yau, DeGasparis, & DeGasparis) 2007;83:1234

Simvastatin increases neutrophil apoptosis and reduces inflammatory reaction after coronary surgery (Chello, Anselmi, & others) 2007;83:1374–80*

Appendix
Prolonged survival in a patient with recurrent pulmonary metastases secondary to mucinous cystadenocarcinoma of the appendix with pseudomyxomatous peritonei (Khan, Tambiah, & others) 2007;83:1893–4, CR

Aprotinin
Efficacy and safety of aprotinin use for reoperative valvular surgery (Rodrigues, Évora, & others) 2007;83:2060–5*

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Arrhythmias
See specific arrhythmia

Arterial bypass conduits
Total arterial coronary revascularization using arterial bypass circle with multiple inflows (El Oakley & Al Habib) 2007;83:1911–2, HW

Arterial occlusion
Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient (Nakajima, Tsuchiya, & others) 2007;83:2216–9, CR

Arterial switch operation
Coronary reimplantation during Jatene procedure (Ugurlu-can, Surmen, & others) 2007;83:356–7, CP; Reply (Kan & Yang) 2007;83:357–8

Arterial switch operation (cont'd)

Surgery for transposition of the great arteries in neonates weighing less than 2,500 grams: a consecutive series of 25 patients (Roussin, Belli, & others) 2007;83:173–8*; Discussion (Fraser, Roussin, & others) 2007;83:177–8, DI

Surgical results of arterial switch operation for Taussig-Bing anomaly: is position of the great arteries a risk factor? (Rodefeld, Ruzmetov, & others) 2007;83:1451–7*

Arterioplasty

The Lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome (Tissot, Aggoun, & others) 2007;83:727, CP; Reply (Nölke, Alphonso, & Karl) 2007;83:727–8

Ascending aorta

Long-term experience of girdling the ascending aorta with Dacron mesh as definite treatment for aneurysmal dilation (Cohen, Odim, & others) 2007;83:S780–4*

Panel discussion: session I—ascending aorta (Miller, Bachet, & others) 2007;83:S785–90, DI

Prosthetic replacement of the ascending aorta increases wall tension in the residual aorta (Scharfschwerdt, Sievers, & others) 2007;83:954–7*

Reverse Blalock-Taussig shunt facilitates the growth of the ascending aorta after hybrid palliation (Yun, Cho, & others) 2007;83:1886–8, CR

Tube-graft inversion for the construction of an “open” distal anastomosis during ascending aortic replacement: a new technique (Alexiou & Sosnowski) 2007;83:326–8, HW

Unsupported reduction ascending aortoplasty: fate of diameter and of Windkessel function (Walker, Bail, & others) 2007;83:1047–54*; Invited Commentary (Sundt) 2007;83:1053–4, IC

Ascending aortic aneurysms

Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve (Davies, Kaple, & others) 2007;83:1338–44*

New technique of aortic root reconstruction with aortic valve annuloplasty in ascending aortic aneurysm (Rama, Rubin, & others) 2007;83:1908–10, HW

Aspiration

Routine evaluation for aspiration after thoracotomy for pulmonary resection (Keeling, Lewis, & others) 2007;83:193–6*; Invited Commentary (Allen) 2007;83:196, IC

Aspirin

Dose-related efficacy of aspirin after coronary surgery in patients with P1^{A2} polymorphism (NCT00262275) (Lim, Carballo, & others) 2007;83:134–9*; Invited Commentary (Lee) 2007;83:138–9, IC

Atherosclerosis

Surgical treatment of bilateral aneurysmal coronary to pulmonary artery fistulas associated with severe atherosclerosis (Said, Voogt, & others) 2007;83:291–3, CR

Topography of aortic atherosclerosis enhances its precision as a predictor of stroke (van der Linden, Bergman, & Hadjinikolaou) 2007;83:2087–92*; Invited Commentary (Bilfinger) 2007;83:2092, IC

Atherosclerotic aneurysms

Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta (Czerny, Grimm, & others) 2007;83:450–5*

Atherosclerotic ulcer

Intramural hematoma and penetrating atherosclerotic ulcer of the aorta (Sundt) 2007;83:S835–41*

Atrial appendage occlusion

Thoracoscopic radiofrequency pulmonary vein isolation and atrial appendage occlusion (Puskas, Lin, & others) 2007;83:1870–2, CR

Atrial fibrillation

Absence of correlation between symptoms and rhythm in “symptomatic” atrial fibrillation (Mehall, Kohut, & others) 2007;83:2118–21*

Atrial fibrillation after coronary artery bypass grafting surgery: development of a predictive risk algorithm (Magee, Herbert, & others) 2007;83:1707–12*; Discussion (Guyton, Magee, & others) 2007;83:1712, DI

Clinical utility of tissue Doppler imaging in prediction of atrial fibrillation after coronary artery bypass grafting (Benedetto, Melina, & others) 2007;83:83–8*

Current strategies in the surgical treatment of atrial fibrillation: review of the literature and Onze Lieve Vrouw Clinic’s strategy (Bakir, Casselman, & others) 2007;83:331–40, CV

Do cardiac neuropeptides play a role in the occurrence of atrial fibrillation after coronary bypass surgery? (Guler, Ozkara, & others) 2007;83:532–7*

Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation (Shemin, Cox, & others) 2007;83:1225–30, RE

Health care consumption due to atrial fibrillation is markedly reduced by Maze III surgery (Wierup, Lidén, & others) 2007;83:1713–6*

Postoperative atrial fibrillation is not correlated to C-reactive protein (Ahlsönn, Bodin, & others) 2007;83:1332–7*

Practical regimen for amiodarone use in preventing postoperative atrial fibrillation (Zebis, Christensen, & others) 2007;83:1326–31*

Ten-year experience with the Cox-Maze procedure for atrial fibrillation: how do we define success? (Stulak, Sundt, & others) 2007;83:1319–25*; Invited Commentary (Sie & Misier) 2007;83:1324–5, IC

Transaortic delivery of the transmural lesion in a complete Maze procedure (Lozonschi, Sirak, & Michler) 2007;83:1904–5, HW

Treatment of lone atrial fibrillation with a right thoracoscopic approach (La Meir, Roy, & others) 2007;83:2244–5, HW

Use of conventional dual chamber pacemakers with custom lead adapters to induce atrial fibrillation or heart failure in dogs (Cingoz, Yanulis, & others) 2007;83:1858–62, NT

Video-assisted bilateral epicardial pulmonary vein isolation for the treatment of lone atrial fibrillation (Sagbas, Akpinar, & others) 2007;83:1724–30*

Atrial flutter

Prevention of atrial flutter with cryoablation may be proarrhythmogenic (Lukac, Hjortdal, & others) 2007;83:1717–23*; Invited Commentary (Almassi) 2007;83:1723, IC

Atrial myxoma

Cardiac autotransplantation and radical bi-atrial resection for recurrent atrial myxoma (Gammie, Abrishamchian, & Griffith) 2007;83:1545–7, CR

Atrial septal defects

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Problems in per-operative secundum atrial septal defect device closure: our experience (Dixit, Pradeep, & others) 2007;83:1580, CP

Attentional dysfunction

Attentional dysfunction in children after corrective cardiac surgery in infancy (Hövels-Gürich, Konrad, & others) 2007;83:1425-30*

Autograft

Incidence of and risk factors for pulmonary autograft dilation after Ross aortic valve replacement (Brown, Ruzmetov, & others) 2007;83:1781-9*; Discussion (Fraser, Brown, & others) 2007;83:1787-8, DI

Autografts

Ross procedure: clinical and echocardiographic follow-up in 219 consecutive patients (Chiappini, Absil, & others) 2007;83:1285-9*

Autologous blood donation

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27-86, RP

Autologous vascular endothelial cells

Aortocoronary endothelial cell-seeded polytetrafluoroethylene graft: 9-year patency (Gabbieri, Dohmen, & others) 2007;83:1166-8, CR

Autonomic ganglionic plexi

Intraoperative epicardial electrophysiologic mapping and isolation of autonomic ganglionic plexi (Mehall, Kohut, & others) 2007;83:538-41*

Autotransfusion

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27-86, RP

Axillary cannulation

Axillary versus femoral cannulation for aortic surgery: enough evidence for a general recommendation? (Gulbins, Pritsanac, & Ennker) 2007;83:1219-24*, CV

Bacteremia

Bacteremia causes mycotic aneurysm of the aortic arch in 110 days (Iida, Sudo, & Ukita) 2007;83:1874-6, CR

Balloon-catheter

Troubleshooting for a stuck balloon-catheter (Matt, Zerkowski, & others) 2007;83:320, IM

Banding

"Downhill" varices—banding proximal to varix? (Dhawan) 2007;83:359-60, CP

Basic fibroblast growth factor

Enhanced angiogenesis with multimodal cell-based gene therapy (Yau, Kim, & others) 2007;83:1110-20*; Invited Commentary (Feng & Sellke) 2007;83:1119-20, IC

B-cell lymphoma

Role of surgery in the treatment of primary pulmonary B-cell lymphoma (Eynden, Fadel, & others) 2007;83:236-40*

Beating-heart coronary artery bypass grafting

On-pump beating-heart coronary artery bypass: a propensity matched analysis (Mizutani, Matsurra, & others) 2007;83:1368-73*

Berlin heart ventricular assist device

Berlin heart ventricular assist device in a child with hypoplastic left heart syndrome (Chu, Sharma, & others) 2007;83:1179-81, CR

Beta blockers

Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993-1001*

Bicuspid aortic valve

Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve (Davies, Kaple, & others) 2007;83:1338-44*

Preservation of the bicuspid aortic valve (Schäfers, Aicher, & others) 2007;83:S740-5*

Bicuspid aortic valve disease

Endothelial nitric oxide synthase in bicuspid aortic valve disease (Aicher, Urbich, & others) 2007;83:1290-4*

Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease (Goland, Czer, & others) 2007;83:931-7*

Bidirectional cavopulmonary shunt

Oral sildenafil ameliorates impaired pulmonary circulation early after bidirectional cavopulmonary shunt (Nemoto, Umehara, & others) 2007;83:e11-13, CR

Bidirectional Glenn operation

Outcomes after bidirectional Glenn operation: Blalock-Taussig shunt versus right ventricle-to-pulmonary artery conduit (Lai, Laussen, & others) 2007;83:1768-73*

Bilateral video-assisted thoracoscopy

Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy (Frischia, Zhu, & others) 2007;83:252-6*

Bi-leaflet prolapse

"Hybrid flip-over" technique for anterior leaflet prolapse repair (Mesana, Ibrahim, & others) 2007;83:322-3, HW

Biodegradable patch

In vivo evaluation of a porous, elastic, biodegradable patch for reconstructive cardiac procedures (Fujimoto, Guan, & others) 2007;83:648-54, NT; Invited Commentary (Dohmen) 2007;83:654, IC

Bioprostheses

See also Prosthetic heart valves; Mechanical heart valves
Early antithrombotic therapy for aortic valve bioprostheses: is there an indication for routine use? (Jamieson, Moffatt-Bruce, & others) 2007;83:549-57*; Discussion (Ferdinand, Jamieson, & Baumgartner) 2007;83:556-7, DI

Hemodynamic performance of the Medtronic Mosaic porcine bioprosthesis up to ten years (Riess, Bader, & others) 2007;83:1310-8*

Biopsy

Complications of video-assisted thoracoscopic lung biopsy in patients with interstitial lung disease (Kreider, Hansen-Flaschen, & others) 2007;83:1140-5; Invited Commentary (Miller) 2007;83:1145, IC

Bipolar radiofrequency energy

Superiority of using bipolar radiofrequency energy for internal mammary artery harvesting (Vassiliades, Cosgriff, & others) 2007;83:1508-12*, NT

Bivalirudin

Bivalirudin during cardiopulmonary bypass in patients with previous or acute heparin-induced thrombocytopenia and heparin antibodies: results of the CHOOSE-ON trial (Koster, Dyke, & others) 2007;83:572-7*

Successful use of bivalirudin as anticoagulant for ECMO in a patient with acute HIT (Koster, Weng, & others) 2007;83:1865-7, CR

Bi-ventricular assist device

Bi-ventricular circulatory support with the Abiomed AB5000 system in a patient with idiopathic refractory ventricular fibrillation (Zhang, Kapetanakis, & others) 2007;83:298-300, CR

Blalock-Taussig shunt

Outcomes after bidirectional Glenn operation: Blalock-Taussig shunt versus right ventricle-to-pulmonary artery conduit (Lai, Laussen, & others) 2007;83:1768-73*

Reverse Blalock-Taussig shunt facilitates the growth of the ascending aorta after hybrid palliation (Yun, Cho, & others) 2007;83:1886-8, CR

Bleeding

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27-86, RP

Valproic acid and bleeding: caution required (Veinot & Ruel) 2007;83:725, CP; Reply (Williams & Baumgartner) 2007;83: 725-6

Blood conservation

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27-86, RP

Blood pumps

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27-86, RP

Blood transfusion

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27-86, RP

Blunt aortic injury

Blunt diaphragmatic rupture mandates a search for blunt aortic injury: an update (Chughtai, Sharkey, & others) 2007;83:1234-5, CP

Blunt diaphragmatic rupture

Blunt diaphragmatic rupture mandates a search for blunt aortic injury: an update (Chughtai, Sharkey, & others) 2007;83:1234-5, CP

Blunt trauma

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207-10, CR

Body mass index

Cardiac surgery in patients with body mass index of 50 or greater (Villavicencio, Sundt, & others) 2007;83:1403-11*

Boerhaave's syndrome

Minimally invasive management of Boerhaave's syndrome (Ashrafi, Awais, & Alvelo-Rivera) 2007;83:317-9, CR

Bovine jugular vein conduit

Aneurysmal dilatation of the Contera bovine jugular vein conduit after reconstruction of the right ventricular outflow tract (Delmo-Walter, Alexi-Meskishvili, & others) 2007;83:682-4, CR

Bovine topical thrombin

Postoperative coagulopathy in a pediatric patient after exposure to bovine topical thrombin (Crow, Sullivan, & others) 2007;83:1547-9, CR

Brain ischemia

Modified trifurcated graft in acute type A aortic dissection with the least brain ischemic time (Chen & Hsieh) 2007; 83:e6-8, HW

Bronchial artery aneurysm

Bronchial artery aneurysm treated with aortic stent graft and fibrin sealant (Sanchez, Alados, & others) 2007;83:693-5, CR

Bronchial carcinoids

Facial flushing due to recurrent bronchial carcinoid (Ganti, Milton, & others) 2007;83:1196-7, CR

Bronchiolitis obliterans organizing pneumonia

Localized organizing pneumonia: report of 21 cases (Melloni, Cremona, & others) 2007;83:1946-51*

Bronchioloalveolar carcinoma

Bronchioloalveolar carcinoma in congenital cystic adenomatoid malformation of lung (West, Nicholson, & others) 2007;83:687-9, CR

Bronchitis

Treatment of plastic bronchitis (Nayar, Parmar, & others) 2007;83:1884-6, CR

Bronchogenic carcinoma

Pneumonectomy for bronchogenic carcinoma: analysis of factors predicting survival (Ramnath, Demmy, & others) 2007;83:1831-6

Bronchoplasty

Transverse bronchoplasty of the membranous wall after resection of an endobronchial hamartoma (Tomos, Karaiskos, & others) 2007;83:703-4, HW

Bronchopleural fistula

Bronchopleural fistula repair during Clagett closure utilizing a collagen matrix plug (Paul, Talbot, & others) 2007;83: 1519-21, CR

Effective approach for the treatment of bronchopleural fistula: application of endovascular metallic ring-shaped coil in combination with fibrin glue (Sivrikoz, Kaya, & others) 2007;83:2199-201, CR

Bronchoscopy

Tracheal compression with "hairpin" right aortic arch: management by aortic division and aortopexy by right thoracotomy guided by intraoperative bronchoscopy (Grillo & Wright) 2007;83:1152-7*

Budd Chiari syndrome

Retrieval stent filter: treatment of Budd Chiari syndrome complicated with inferior vena cava thrombosis—initial clinical experience (Han, Ding, & others) 2007;83:655-60, NT

Bullets

Can a falling bullet be lethal at terminal velocity? Cardiac injury caused by a celebratory bullet (Incorvia, Poulos, & others) 2007;83:283-4, CR

Bupivacaine

Transient diaphragmatic paralysis by continuous paraphenic infusion of bupivacaine: a novel technique for the management of residual spaces (Clavero, Cheyre, & others) 2007;83:1216-8

Butterfly needle

Convenient and improved method to distinguish the intersegmental plane in pulmonary segmentectomy using a butterfly needle (Kamiyoshihara, Kakegawa, & Morishita) 2007;83:1913-4, HW

Bypass

See Cardiopulmonary bypass

¹¹C-Acetate

¹¹C-Acetate and ¹⁸F-fluorodeoxyglucose positron emission tomography of pulmonary adenocarcinoma (Kaji, Nomori, & others) 2007;83:312-4, CR

Calcific constrictive pericarditis

Localized pericardial constriction resulting in a "dumbbell" heart (Hamdulay, Kumar, & others) 2007;83:2222–4, CR

Calcium

Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide (McCully, Rousou, & others) 2007;83:1102–9*; Invited Commentary (Chambers) 2007;83:1109, IC

Calcium channels

Regulation of human internal mammary and radial artery contraction by extracellular and intracellular calcium channels and cyclic adenosine 3', 5' monophosphate (Rabbani, Vijay, & others) 2007;83:510–6*; Invited Commentary (Perrault & Mommerot) 2007;83:515–6, IC

Calculus cholecystitis

Acute cholecystitis complicating cardiac surgery: case series involving more than 16,000 patients (Passage, Joshi, & Mullany) 2007;83:1096–101*

Cancer

See Carcinoma; Esophageal cancer; Lung cancer

Cannulation

Axillary versus femoral cannulation for aortic surgery: enough evidence for a general recommendation? (Gulbins, Pritsanac, & Ennker) 2007;83:1219–24*, CV

Carcinoembryonic antigen

Preoperative serum carcinoembryonic antigen level is a prognostic factor in women with early non-small-cell lung cancer (Hsu, Huang, & others) 2007;83:419–24*; Invited Commentary (Putnam) 2007;83:424, IC

Carcinoid syndrome

Facial flushing due to recurrent bronchial carcinoid (Ganti, Milton, & others) 2007;83:1196–7, CR

Carcinoid tumors

Rare pleural recurrence of typical pulmonary carcinoid tumor 30 years after lobectomy (Townshend, Lakshminarayanan, & others) 2007;83:1523–4, CR

Carcinoma

Appraisal of a revised lymph node classification system for esophageal squamous cell cancer (Dhar, Hattori, & others) 2007;83:1265–72*

Bronchial epithelial-myoepithelial carcinoma (Chao, Lin, & others) 2007;83:689–91, CR

Bronchioloalveolar carcinoma in congenital cystic adenomatoid malformation of lung (West, Nicholson, & others) 2007;83:687–9, CR

Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion (Mazzola, Gregorini, & others) 2007;83:1564–5, HW

Lung large cell carcinoma producing granulocyte-colony-stimulating factor (Hasegawa, Suda, & others) 2007;83:308–10, CR

Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731–6*

Pneumonectomy for bronchogenic carcinoma: analysis of factors predicting survival (Ramnath, Demmy, & others) 2007;83:1831–6

Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma (Gaussian, Honings, & others) 2007;83:1952–9*

Cardiac function

Cardiac function and position more than 5 years after pneumonectomy (Smulders, Holverda, & others) 2007;83:1986–92*; Invited Commentary (Lee) 2007;83:1992, IC

Cardiac lipoma

Aortic valve lipoma (Matsushita, Huynh, & others) 2007;83:2220–2, CR

Cardiac paraganglioma

Cardiac paraganglioma presenting with acute myocardial infarction and stroke (Hayek, Hughes, & others) 2007;83:1882–4, CR

Cardiac reconstruction

In vivo evaluation of a porous, elastic, biodegradable patch for reconstructive cardiac procedures (Fujimoto, Guan, & others) 2007;83:648–54, NT; Invited Commentary (Dohmen) 2007;83:654, IC

Cardiac resynchronization therapy

Cardiac resynchronization therapy for mitral systolic anterior motion in a child (Truin, Backx, & others) 2007;83:1873–4, CR

Ventricular epicardial lead placement for resynchronization by determination of paced depolarization intervals: technique and rationale (Edgerton, Edgerton, & others) 2007;83:89–92*; Discussion (Van Meter & Edgerton) 2007;83:92, DI

Cardiac rhythm

Absence of correlation between symptoms and rhythm in "symptomatic" atrial fibrillation (Mehall, Kohut, & others) 2007;83:2118–21*

Cardiac surgeons

Training of cardiac surgeons for Bosnia and Herzegovina: outcomes in coronary bypass grafting surgery (Bergsland, Kabil, & others) 2007;83:462–7*

Cardiac surgery

See also Surgery

Acute cholecystitis complicating cardiac surgery: case series involving more than 16,000 patients (Passage, Joshi, & Mullany) 2007;83:1096–101*

Adults undergoing cardiac surgery at a children's hospital: an analysis of perioperative morbidity (Rossano, Smith, & others) 2007;83:606–12*

Application of the human factors analysis and classification system methodology to the cardiovascular surgery operating room (ElBardissi, Wiegmann, & others) 2007;83:1412–9*; Discussion (Uhlig, Wiegmann, & Gay) 2007;83:1418–9, DI

Are cerebral emboli real when perfluorocarbon emulsion (AF0144) is used in cardiac surgery? (Mattrey) 2007;83:1922–3, CP; Reply (Hill & Grocott) 2007;83:1923

Attentional dysfunction in children after corrective cardiac surgery in infancy (Hövels-Gürich, Konrad, & others) 2007;83:1425–30*

Cardiac surgery in patients with body mass index of 50 or greater (Villavicencio, Sundt, & others) 2007;83:1403–11*

Cardiogenic shock: collaboration between cardiac surgery and cardiology subspecialties to bridge to recovery (Samuels, Holmes, & others) 2007;83:1863–4, CR

Caution with the use of recombinant activated factor VII in treating postoperative hemorrhage in cardiac surgery (Al-Ruzzeh, Mahmoud, & others) 2007;83:355, CP; Reply (Tatoulis) 2007;83:355–6

Clostridium difficile in cardiac surgery: risk factors and impact on postoperative outcome (Crabtree, Aitchison, & others) 2007;83:1396–402*

Definition of coma in postoperative cardiac surgery patients requiring renal replacement therapy (Cunningham) 2007;83:1232; Reply (Leacche & Byrne) 2007;83:1232

Cardiac surgery (cont'd)

Effectiveness of hyperbaric oxygen therapy for hearing loss after cardiac surgery (Bruschi, Tarelli, & others) 2007;83:e9–10, CR

Endothelial progenitor cells are mobilized after cardiac surgery (Roberts, Xiao, & others) 2007;83:598–605*

Innovative new concept for quality measurement in adult cardiac surgery (Grover) 2007;83:1237–9, ED

New method for sternal closure after vacuum-assisted therapy in deep sternal infections after cardiac surgery (Reiss, Schuett, & others) 2007;83:2246–7, HW

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? (Zacharias, Lerman, & Knowles) 2007;83:2260, CP; Reply (Koch & Blackstone) 2007;83:2260–1

Positive heparin-platelet factor 4 antibody complex and cardiac surgical outcomes (Kress, Aronson, & others) 2007;83:1737–43*

Postcardiac surgical cognitive impairment in the aged using diffusion-weighted magnetic resonance imaging (Cook, Huston, & others) 2007;83:1389–95*

Prevalence of heparin/platelet factor 4 antibodies before and after cardiac surgery (Everett, Yeh, & others) 2007;83:592–7*

Prognostic significance of elevated cardiac troponin I after heart surgery (Adabag, Rector, & others) 2007;83:1744–50*

Quality measurement in adult cardiac surgery: introduction (Shahian, Grover, & others) 2007;83:S1–2*

Quality measurement in adult cardiac surgery: part 1—conceptual framework and measure selection (Shahian, Edwards, & others) 2007;83:S3–12

Quality measurement in adult cardiac surgery: part 2—statistical considerations in composite measure scoring and provider rating (O'Brien, Shahian, & others) 2007;83:S13–26, RE

Recombinant activated factor VII in cardiac surgery: a systematic review (Warren, Mandal, & others) 2007;83:707–14, CV

Selecting a vasopressor drug for vasoplegic shock after adult cardiac surgery: a systematic literature review (Egi, Bellomo, & others) 2007;83:715–23, CV

Selective endothelin-A receptor inhibition after cardiac surgery: a safety and feasibility study (Ikonomidis, Hilton, & others) 2007;83:2153–61*; Discussion (Hammon & Ikonomidis) 2007;83:2161, DI

Single-stage surgical repair of type II acute aortic dissection associated with coarctation of the aorta (Horai, Shimokawa, & others) 2007;83:1174–5, CR

Society of Thoracic Surgeons Practice Guideline Series: antibiotic prophylaxis in cardiac surgery, part II: antibiotic choice (Engelman, Shahian, & others) 2007;83:1569–76, RE

Valproic acid and bleeding: caution required (Veinot & Ruel) 2007;83:725, CP; Reply (Williams & Baumgartner) 2007;83:725–6

Why serial assessments of cardiac surgery patients' neurobehavioral performances are misleading (Keith, Cohen, & Lecci) 2007;83:370–3, ED

Cardiac transplantation

See also Heart transplantation

Significance of neurologic complications in the modern era of cardiac transplantation (Zierer, Melby, & others) 2007;83:1684–90*; Invited Commentary (Knez & Rigler) 2007;83:1690, IC

Successful use of the Toyobo left ventricular assist device in a 16-kg girl awaiting cardiac transplantation (Masuoka, Katogi, & others) 2007;83:1181–3, CR

Cardiac tumors

Endoscopic cardiac tumor resection (Deshpande, Casselman, & others) 2007;83:2142–6*

Cardiogenic shock

Cardiogenic shock: collaboration between cardiac surgery and cardiology subspecialties to bridge to recovery (Samuels, Holmes, & others) 2007;83:1863–4, CR

Cardiology

Cardiogenic shock: collaboration between cardiac surgery and cardiology subspecialties to bridge to recovery (Samuels, Holmes, & others) 2007;83:1863–4, CR

Cardiomyopathy

Takotsubo cardiomyopathy: expanding the differential diagnosis in cardiothoracic surgery (Berman, Saute, & others) 2007;83:295–8, CR

Cardioplasty

Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to Heller myotomy (Genio, Genio, & others) 2007;83:2235–8, HW

Cardioplegia

Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide (McCully, Rousou, & others) 2007;83:1102–9*; Invited Commentary (Chambers) 2007;83:1109, IC

Cardiopulmonary bypass

Attenuated renal and intestinal injury after use of a mini-cardiopulmonary bypass system (Huybrechts, Morariu, & others) 2007;83:1760–7*; Invited Commentary (Jessen) 2007;83:1766–7, IC

Bivalirudin during cardiopulmonary bypass in patients with previous or acute heparin-induced thrombocytopenia and heparin antibodies: results of the CHOOSE-ON trial (Koster, Dyke, & others) 2007;83:572–7*

Combined simultaneous heart and liver transplantation with complete cardiopulmonary bypass support (Bernier, Grenon, & others) 2007;83:1544–5, CR

Complement factor 1 inhibitor improves cardiopulmonary function in neonatal cardiopulmonary bypass (Baig, Nassar, & others) 2007;83:1477–83*; Discussion (Pigula, Jaggers, & Calderone) 2007;83:1483, DI

Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83:153–60*; Invited Commentary (Jessen) 2007;83:160, IC

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Selective endothelin-A receptor inhibition after cardiac surgery: a safety and feasibility study (Ikonomidis, Hilton, & others) 2007;83:2153–61*; Discussion (Hammon & Ikonomidis) 2007;83:2161, DI

Use of a miniaturized circuit and bloodless prime to avoid cerebral no-reflow after neonatal cardiopulmonary bypass (Hickey, Karamlou, & others) 2007;83:895–901*

Cardiothoracic surgery

Navigating the new “flat world” of cardiothoracic surgery (Levitsky) 2007;83:361–9, PA

Takotsubo cardiomyopathy: expanding the differential diagnosis in cardiothoracic surgery (Berman, Saute, & others) 2007;83:295–8, CR

Cardiovascular surgery

Incidence and risk factors of postoperative vocal cord paralysis in 987 patients after cardiovascular surgery (Itagaki, Kikura, & Sato) 2007;83:2147–52*

C5a receptor

Leukocyte effects of C5a-receptor blockade during simulated extracorporeal circulation (Rinder, Smith, & others) 2007;83:146–52*; Invited Commentary (Lappégaard) 2007;83:152, IC

Cariporide

Sodium-hydrogen exchange inhibition and β-blockade additively decrease infarct size (Wang, Zaragoza, & Holman) 2007;83:1121–8*; Invited Commentary (Anderson) 2007;83:1128, IC

Carney complex

Cardiac autotransplantation and radical bi-atrial resection for recurrent atrial myxoma (Gammie, Abrishamchian, & Griffith) 2007;83:1545–7, CR

Carpentier-Edwards Perimount Magna valve

Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison (Borger, Nette, & others) 2007;83:2054–9*; Invited Commentary (Pepper) 2007;83:2058–9, IC

Catheters

Extracorporeal membrane oxygenation for Swan-Ganz induced intraoperative hemorrhage (Bianchini, Melina, & others) 2007;83:2213–4, CR

Introduction to thoracic endografting: imaging, guidewires, guiding catheters, and delivery sheaths (Wheatley, McNutt, & Diethrich) 2007;83:272–8, NT

Cavoatrial tumor

Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion (Mazzola, Gregorini, & others) 2007;83:1564–5, HW

Cavopulmonary shunt

Oral sildenafil ameliorates impaired pulmonary circulation early after bidirectional cavopulmonary shunt (Nemoto, Umehara, & others) 2007;83:e11–13, CR

Cell-based gene therapy

Enhanced angiogenesis with multimodal cell-based gene therapy (Yau, Kim, & others) 2007;83:1110–20*; Invited Commentary (Feng & Sellke) 2007;83:1119–20, IC

Cell salvage

Cell salvage alters the systemic inflammatory response after off-pump coronary artery bypass grafting surgery (Allen, McBride, & others) 2007;83:578–85*

Cell transplantation

Cardiac resurrection after bone-marrow-derived mononuclear cell transplantation during left ventricular assist device support (Gojo, Kyo, & others) 2007;83:661–2, CR

Cell-based VEGF delivery prevents donor cell apoptosis after transplantation (Ye, Haider, & others) 2007;83:1233–4; Reply (Yau, DeGasparis, & DeGasparis) 2007;83:1234

Effects of cell-based angiogenic gene therapy at 6 months: persistent angiogenesis and absence of oncogenicity (Kim, Li, & others) 2007;83:640–7*; Invited Commentary (Nikolaos, Rauend, & Alfred) 2007;83:646–7, IC

Center for Medicare & Medicaid Services

At last, inequities in reimbursement modified by real evidence-based data (Grover) 2007;83:9–11, ED

Cerebral emboli

Are cerebral emboli real when perfluorocarbon emulsion (AF0144) is used in cardiac surgery? (Mattrey) 2007;83:1922–3, CP; Reply (Hill & Grocott) 2007;83:1923

Neurocognitive function and cerebral emboli: randomized study of on-pump versus off-pump coronary artery bypass surgery (Motallebzadeh, Bland, & others) 2007;83:475–82*

Cerebral infarction

Predictors of early postoperative cerebral infarction after isolated off-pump coronary artery bypass grafting (Kotoh, Fukahara, & others) 2007;83:1679–83*

Cerebral oxygen saturation

Cerebral oxygen saturation does not normalize until after stage 2 single ventricle palliation (Fenton, Lessman, & others) 2007;83:1431–7*; Invited Commentary (Delius) 2007;83:1436–7, IC

Cerebral perfusion

Aortic arch replacement using selective cerebral perfusion (Kazui, Yamashita, & others) 2007;83:S796–8*

Aortic arch replacement with a trifurcated graft (Spielvogel, Etz, & others) 2007;83:S791–5*

Cerebral perfusion (Harrington, Fragomeni, & Bonser) 2007;83:S799–804*

Chemotherapy

Thoracoscopic lobectomy facilitates the delivery of chemotherapy after resection for lung cancer (Petersen, Pham, & others) 2007;83:1245–50*; Discussion (Howington, Petersen, & others) 2007;83:1250, DI

Chest trauma

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Video-assisted thoracoscopic surgery in the treatment of chest trauma: long-term benefit (Ben-Nun, Orlovsky, & Best) 2007;83:383–7*; Invited Commentary (Hazelrigg) 2007;83:387, IC

Chest wall reconstruction

Chest wall reconstruction in full-thickness defect for mastectomy and irradiation (Droghetti, Schiavini, & others) 2007;83:697, IM

Chest wall resection

Full-thickness chest wall resection for recurrent breast phyllodes tumor (Neto, Terra, & others) 2007;83:2196–7, CR

Children

See also Infants; Neonates

Attentional dysfunction in children after corrective cardiac surgery in infancy (Hövels-Gürich, Konrad, & others) 2007;83:1425–30*

Berlin heart ventricular assist device in a child with hypoplastic left heart syndrome (Chu, Sharma, & others) 2007;83:1179–81, CR

Cardiac resynchronization therapy for mitral systolic anterior motion in a child (Truin, Backx, & others) 2007;83:1873–4, CR

Evaluation of the coagulation system in children with two-ventricle congenital heart disease (Odegard, Zurkowski, & others) 2007;83:1797–804*; Invited Commentary (Guay) 2007;83:1803–4, IC

Extrapleural intrathoracic implantation of permanent pacemaker in the pediatric age group (Agarwal, Krishnan, & others) 2007;83:1549–52, CR

Children (cont'd)

Infant heart transplantation ten years later—where are they now? (Gandhi, Canter, & others) 2007;83:169–72*; Discussion (Pennington, Gandhi, & others) 2007;83:172, DI

Migration and colon perforation of intraperitoneal cardiac pacemaker systems (Dodge-Khatami, Backer, & others) 2007;83:2230–2, CR

Postoperative coagulopathy in a pediatric patient after exposure to bovine topical thrombin (Crow, Sullivan, & others) 2007;83:1547–9, CR

Reverse Blalock-Taussig shunt facilitates the growth of the ascending aorta after hybrid palliation (Yun, Cho, & others) 2007;83:1886–8, CR

Self and parental assessment after minimally invasive repair of pectus excavatum: lasting satisfaction after bar removal (Metzelder, Kuebler, & others) 2007;83:1844–9*; Invited Commentary (Goldstraw & Krasopoulos) 2007;83:1849, DI

Successful use of the Toyobo left ventricular assist device in a 16-kg girl awaiting cardiac transplantation (Masuoka, Katogi, & others) 2007;83:1181–3, CR

Surgical results of arterial switch operation for Taussig-Bing anomaly: is position of the great arteries a risk factor? (Rodefeld, Ruzmetov, & others) 2007;83:1451–7*

Children's hospitals

Adults undergoing cardiac surgery at a children's hospital: an analysis of perioperative morbidity (Rossano, Smith, & others) 2007;83:606–12*

Cholecystitis

Acute cholecystitis complicating cardiac surgery: case series involving more than 16,000 patients (Passage, Joshi, & Mullany) 2007;83:1096–101*

Chondroid hamartoma

Multiple central endobronchial chondroid hamartoma (Kang, Han, & others) 2007;83:691–3, CR

Chondromatous hamartoma

Posterior mediastinal chondromatous hamartoma (Gholoum, Fraser, & Ferri) 2007;83:1528–30, CR

Chordae

Simple, safe and easy technique to ensure the correct length of artificial chordae in mitral valve repair (Fattouch, Bianco, & others) 2007;83:1902–3, HW

Chronic ischemic mitral regurgitation

Mechanisms of chronic ischemic mitral regurgitation (Radernecker & Lancellotti) 2007;83:1919–20, CP; Reply (Borger & David) 2007;83:1920–1

Chronic renal dysfunction

Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support (Drakos, Kfoury, & others) 2007;83:62–7*

Chronic thromboembolic pulmonary hypertension

Surgery for chronic thromboembolic pulmonary hypertension—inclusive experience from a national referral center (Rubens, Bourke, & others) 2007;83:1075–81*

Circulatory arrest

See also Deep hypothermic circulatory arrest

Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion (Mazzola, Gregorini, & others) 2007;83:1564–5, HW

Circulatory support

Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support (Drakos, Kfoury, & others) 2007;83:62–7*

Clagett closure

Bronchopleural fistula repair during Clagett closure utilizing a collagen matrix plug (Paul, Talbot, & others) 2007;83:1519–21, CR

Clavicular dislocation

Tracheal stenosis caused by retrosternal dislocation of the right clavicle (Nakayama, Tanaka, & others) 2007;83:685–7, CR

Clear cell tumor of the lung

Large clear cell tumor of the lung mimicking malignant behavior (Kavunkal, Pandiyan, & others) 2007;83:310–2, CR

Clostridium difficile

Clostridium difficile in cardiac surgery: risk factors and impact on postoperative outcome (Crabtree, Aitchison, & others) 2007;83:1396–402*

Coagulopathy

Postoperative coagulopathy in a pediatric patient after exposure to bovine topical thrombin (Crow, Sullivan, & others) 2007;83:1547–9, CR

Coarctation of the aorta

Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation (Nassar, Llana, & others) 2007;83:663–4, CR

Single-stage surgical repair of type II acute aortic dissection associated with coarctation of the aorta (Horai, Shimokawa, & others) 2007;83:1174–5, CR

Cognition

Coronary artery bypass grafting baseline cognitive assessment: essential not optional (Selnes & Zeger) 2007;83:374–6, ED

Cognitive impairment

Postcardiac surgical cognitive impairment in the aged using diffusion-weighted magnetic resonance imaging (Cook, Huston, & others) 2007;83:1389–95*

Collagen matrix plug

Bronchopleural fistula repair during Clagett closure utilizing a collagen matrix plug (Paul, Talbot, & others) 2007;83:1519–21, CR

Collateral circulation

Angiographic fate of collateral vessels after surgical revascularization of the totally occluded left anterior descending artery (Takami & Masumoto) 2007;83:120–5*

Collateral vessels

Angiographic fate of collateral vessels after surgical revascularization of the totally occluded left anterior descending artery (Takami & Masumoto) 2007;83:120–5*

Colon

Migration and colon perforation of intraperitoneal cardiac pacemaker systems (Dodge-Khatami, Backer, & others) 2007;83:2230–2, CR

Colon interposition

Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer (Motoyama, Kitamura, & others) 2007;83:1273–8*; Invited Commentary (Hoover) 2007;83:1278, IC

Coma

Definition of coma in postoperative cardiac surgery patients requiring renal replacement therapy (Cunningham) 2007;83:1232; Reply (Leacche & Byrne) 2007;83:1232

Complement factor 1 inhibitor

Complement factor 1 inhibitor improves cardiopulmonary function in neonatal cardiopulmonary bypass (Baig, Nassar, & others) 2007;83:1477–83*; Discussion (Pigula, Jagers, & Calderone) 2007;83:1483, DI

Complete heart block

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Composite aortic graft

“Double overlap” suture technique for the proximal attachment of a composite graft to the aortic annulus (Rousou, Alameddine, & Yang) 2007;83:1906–7, HW

Computed tomography

See also Multislice computed tomography

Bypass graft and native postanastomotic coronary artery patency: assessment with computed tomography (Andreini, Pontone, & others) 2007;83:1672–8*

Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography (Schachner, Feuchtner, & others) 2007;83:1361–7*

Multi-detector computed tomography in coronary artery bypass graft assessment: a meta-analysis (Jones, Athanasiou, & others) 2007;83:341–8, CV

Computed tomography angiography

64-slice CT angiography of saphenous vein graft anastomoses fashioned with interrupted Nitinol clips (Peterman, Hammann, & Schussler) 2007;83:1204, IM

Congenital cystic adenomatoid malformation of lung

Bronchioloalveolar carcinoma in congenital cystic adenomatoid malformation of lung (West, Nicholson, & others) 2007;83:687–9, CR

Congenital heart disease

See also specific defect

Evaluation of the coagulation system in children with two-ventricle congenital heart disease (Odegard, Zurakowski, & others) 2007;83:1797–804*; Invited Commentary (Guay) 2007;83:1803–4, IC

Measurement of technical performance in congenital heart surgery: a pilot study (Larrazabal, Nido, & others) 2007;83:179–84*

Risk of surgery for congenital heart disease in the adult: a multicentered European study (Vida, Berggren, & others) 2007;83:161–8*

In vivo evaluation of a porous, elastic, biodegradable patch for reconstructive cardiac procedures (Fujimoto, Guan, & others) 2007;83:648–54, NT; Invited Commentary (Dohmen) 2007;83:654, IC

Congenital heart surgery

Causes of death after congenital heart surgery (Ma, Gauvreau, & others) 2007;83:1438–45*

Stereolithographic models for surgical planning in congenital heart surgery (Sodian, Weber, & others) 2007;83:1854–7, NT

Congenitally corrected transposition of the great arteries

Congenitally corrected transposition of the great arteries: surgical repair in adulthood (Mitropoulos, Kanakis, & others) 2007;83:672–4, CR

Constrictive pericarditis

Localized pericardial constriction resulting in a “dumbbell” heart (Hamdulay, Kumar, & others) 2007;83:2222–4, CR

Contegra monocuspид transannular patch

Right ventricular outflow tract reconstruction with Contegra monocuspид transannular patch in tetralogy of Fallot (Chiappini, Barrea, & Rubay) 2007;83:185–7*

CorAide left ventricular assist system

Arrow CorAide left ventricular assist system: initial experience of the Cardio-Thoracic Surgery Center in Pavia (Gazzoli, Alloni, & others) 2007;83:279–82, NT; Invited Commentary (Large) 2007;83:282, IC

CoreValve aortic valve

Implantation of the CoreValve percutaneous aortic valve (Lamarche, Cartier, & others) 2007;83:284–7, CR

Coronary arteries

Anomalous left anterior descending coronary artery from pulmonary artery with ventricular septal defect (Stephen, Kuruvila, & others) 2007;83:1175–7, CR

Bypass graft and native postanastomotic coronary artery patency: assessment with computed tomography (Andreini, Pontone, & others) 2007;83:1672–8*

Concomitant traumatic aortic valve and coronary artery injury (Aoyagi, Okazaki, & others) 2007;83:289–91, CR

Drug-eluting stent-induced left anterior descending coronary artery aneurysm: repair by pericardial patch—where are we headed? (Luthra, Tatoulis, & Warren) 2007;83:1530–2, CR

Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery (Lange, Vogt, & others) 2007;83:1463–71*; Invited Commentary (Pizarro) 2007;83:1471, IC

Long-term results of the left anterior descending coronary artery reconstruction with left internal thoracic artery (Ogus, Basaran, & others) 2007;83:496–501*

Right coronary artery with high takeoff (Tarhan, Kehlibar, & others) 2007;83:1867–9, CR

Coronary arteriovenous fistulas

Hybrid therapy for rapid enlargement of hibernating coronary arteriovenous fistulas (Oyamada, Kobayashi, & others) 2007;83:1532–4, CR

Coronary artery aneurysm

Giant circumflex coronary artery aneurysm associated with cystic medial necrosis in a non-Marfan patient (Takeda, Matsumiya, & others) 2007;83:668–70, CR

Coronary artery bypass graft

Bypass graft and native postanastomotic coronary artery patency: assessment with computed tomography (Andreini, Pontone, & others) 2007;83:1672–8*

Intraoperative imaging techniques to assess coronary artery bypass graft patency (Balacumaraswami & Taggart) 2007;83:2251–7, CV

Coronary artery bypass grafting

See also Graft(s); Off-pump coronary artery bypass grafting; On-pump coronary artery bypass grafting

Aortic valve replacement and concomitant coronary artery bypass: assessing the impact of multiple grafts (Kobayashi, Williams, & others) 2007;83:969–78*; Invited Commentary (Kurlansky) 2007;83:978, IC

Atrial fibrillation after coronary artery bypass grafting surgery: development of a predictive risk algorithm (Magee, Herbert, & others) 2007;83:1707–12*; Discussion (Guyton, Magee, & others) 2007;83:1712, DI

Beating heart aortic valve replacement after previous coronary artery bypass surgery with a patent internal mammary artery graft (Battelini, Rastan, & others) 2007;83:1206–9, HW

Clinical utility of tissue Doppler imaging in prediction of atrial fibrillation after coronary artery bypass grafting (Benedetto, Melina, & others) 2007;83:83–8*

Coronary artery bypass for heart failure in ischemic cardiomyopathy: 17-year follow-up (Pocar, Moneta, & others) 2007;83:468–74*

Coronary artery bypass grafting baseline cognitive assessment: essential not optional (Selnes & Zeger) 2007;83:374–6, ED

Coronary artery bypass grafting (cont'd)

Coronary artery revascularization (CARE) registry: an observational study of on-pump and off-pump coronary artery revascularization (Palmer, Herbert, & others) 2007;83:989–92*; Discussion (Kron, Palmer, & others) 2007;83:991–2, DI

Discharge to home rates are significantly lower for octogenarians undergoing coronary artery bypass graft surgery (Bardakci, Cheema, & others) 2007;83:483–9*

Do cardiac neuropeptides play a role in the occurrence of atrial fibrillation after coronary bypass surgery? (Guler, Ozkara, & others) 2007;83:532–7*

Does stenosis severity of native vessels influence bypass graft patency? A prospective fractional flow reserve–guided study (Botman, Schonberger, & others) 2007;83:2093–7*

Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography (Schachner, Feuchtner, & others) 2007;83:1361–7*

Forearm muscle necrosis after radial artery harvesting for coronary artery bypass surgery (Chattar-Cora) 2007;83:1869–70, CR

Gastroepiploic artery grafting does not improve the late outcome in patients with bilateral internal thoracic artery grafting (Esaki, Koshiji, & others) 2007;83:1024–9*; Invited Commentary (Tector) 2007;83:1029, IC

Impact of diabetes on five-year outcomes of patients with multivessel coronary artery disease (Hueb, Gersh, & others) 2007;83:93–9*

Impact of residency status on perfusion times and outcomes for coronary artery bypass graft surgery (Haan, Milford-Beland, & others) 2007;83:2103–10*

Is early too early? Effect of shorter stays after bypass surgery (Cowper, DeLong, & others) 2007;83:100–7*; Invited Commentary (Accola) 2007;83:107, IC

Long-term results of the endoscopic atraumatic coronary artery bypass (Vassiliades, Reddy, & others) 2007;83:979–85*; Discussion (Kern, Reddy, & Poston) 2007;83:984–5, DI

Multi-detector computed tomography in coronary artery bypass graft assessment: a meta-analysis (Jones, Athanasiou, & others) 2007;83:341–8, CV

Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993–1001*

Predicting operative mortality after surgery for ischemic cardiomyopathy (Fedoruk, Tribble, & others) 2007;83:2029–35*; Discussion (Conte, Fedoruk, & Azar) 2007;83:2035, DI

Robotic endoscopic left internal mammary artery harvesting: what have we learned after cases? (Oehlinger, Bonaros, & others) 2007;83:1030–4*, IC

Seven-year follow-up after minimally invasive direct coronary artery bypass: experience with more than 1300 patients (Holzhey, Jacobs, & others) 2007;83:108–14*

Training of cardiac surgeons for Bosnia and Herzegovina: outcomes in coronary bypass grafting surgery (Bergsland, Kabil, & others) 2007;83:462–7*

Coronary artery disease

Impact of diabetes on five-year outcomes of patients with multivessel coronary artery disease (Hueb, Gersh, & others) 2007;83:93–9*

Coronary artery revascularization

Coronary artery revascularization (CARE) registry: an observational study of on-pump and off-pump coronary artery revascularization (Palmer, Herbert, & others) 2007;83:989–92*; Discussion (Kron, Palmer, & others) 2007;83:991–2, DI

Coronary artery spasm

Postoperative coronary artery spasm complicating aortic valve replacement: implications for identification and treatment (Pragliola, Altamura, & others) 2007;83:670–2, CR

Coronary dissection

Staged therapeutic approach in spontaneous coronary dissection (Aliyary, Mariani, & others) 2007;83:1879–81, CR

Coronary insufficiency

Coronary insufficiency after stentless aortic root replacement: risk factors and solutions (Kincaid, Cordell, & others) 2007;83:964–8*; Discussion (Moon, Kincaid, & others) 2007;83:968, DI

Coronary ostial thrombus

Myocardial infarction secondary to a coronary ostial thrombus in antiphospholipid syndrome (Romeh, Chhatriwalla, & others) 2007;83:1170–1, CR

Coronary reimplantation

Coronary reimplantation during Jatene procedure (Ugurlucan, Surmen, & others) 2007;83:356–7, CP; Reply (Kan & Yang) 2007;83:357–8

Coronary revascularization

Spontaneous restoration of patency in the free gastroepiploic artery graft: the living transplanted vascular system for coronary revascularization (Eda, Matuura, & others) 2007;83:2219–20, CR

Total arterial coronary revascularization using arterial bypass circle with multiple inflows (El Oakley & Al Habib) 2007;83:1911–2, HW

Coronary sinus

Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization (Onorati, Cristodoro, & others) 2007;83:1016–23*

Coronary surgery

Dose-related efficacy of aspirin after coronary surgery in patients with P1^{A2} polymorphism (NCT00262275) (Lim, Carballo, & others) 2007;83:134–9*; Invited Commentary (Lee) 2007;83:138–9, IC

Long-term consequences of postoperative heart failure after surgery for aortic stenosis compared with coronary surgery (Vánky, Hákanson, & Svedjeholm) 2007;83:2036–43*

Simvastatin increases neutrophil apoptosis and reduces inflammatory reaction after coronary surgery (Chello, Anselmi, & others) 2007;83:1374–80*

Coronary to pulmonary artery fistulas

Surgical treatment of bilateral aneurysmal coronary to pulmonary artery fistulas associated with severe atherosclerosis (Said, Voogt, & others) 2007;83:291–3, CR

Coronary transfer

Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery (Lange, Vogt, & others) 2007;83:1463–71*; Invited Commentary (Pizarro) 2007;83:1471, IC

Corticosteroids

Successful steroid treatment of fibrosing mediastinitis and sclerosing cervicitis (Ikeda, Nomori, & others) 2007;83:1199–1201, CR

Cox-maze procedure

Ten-year experience with the Cox-Maze procedure for atrial fibrillation: how do we define success? (Stulak, Sundt, & others) 2007;83:1319–25*; Invited Commentary (Sie & Misier) 2007;83:1324–5, IC

C-reactive protein

Postoperative atrial fibrillation is not correlated to C-reactive protein (Ahlsson, Bodin, & others) 2007;83:1332–7*

Cryoablation

Prevention of atrial flutter with cryoablation may be proarrhythmogenic (Lukac, Hjortdal, & others) 2007;83:1717–23*; Invited Commentary (Almassi) 2007;83:1723, IC

CryoMaze procedure

Transaortic delivery of the transmural lesion in a complete Maze procedure (Lozonschi, Sirak, & Michler) 2007;83:1904–5, HW

Cryopreservation

Does cryopreservation destroy the extracellular matrix of pulmonary allografts? (Dohmen & Konertz) 2007;83:1921, CP; Reply (Schenke-Layland & Stock) 2007;83:1921–2

Optimized preservation of extracellular matrix in cardiac tissues: implications for long-term graft durability (Schenke-Layland, Xie, & others) 2007;83:1641–50*

Cyclic AMP

Regulation of human internal mammary and radial artery contraction by extracellular and intracellular calcium channels and cyclic adenosine 3', 5' monophosphate (Rabbani, Vijay, & others) 2007;83:510–6*; Invited Commentary (Perrault & Mommerot) 2007;83:515–6, IC

Cystic adenomatoid malformation

Bilateral congenital cystic adenomatoid malformation (Chang, Jaw, & others) 2007;83:e2, IM

Cystic medial necrosis

Giant circumflex coronary artery aneurysm associated with cystic medial necrosis in a non-Marfan patient (Takeda, Matsumiya, & others) 2007;83:668–70, CR

Cytokeratin 19 fragment

Clinical value of serum cytokeratin 19 fragment and sialyl-Lewis x in non-small lung cancer (Mizuguchi, Nishiyama, & others) 2007;83:216–22*; Invited Commentary (D'Amico) 2007;83:221–2, IC

Cytokines

Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy (Frischia, Zhu, & others) 2007;83:252–6*

Endothelial progenitor cells are mobilized after cardiac surgery (Roberts, Xiao, & others) 2007;83:598–605*

Dacron mesh

Long-term experience of girdling the ascending aorta with Dacron mesh as definite treatment for aneurysmal dilation (Cohen, Odim, & others) 2007;83:S780–4*

Data reporting

Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation (Shemin, Cox, & others) 2007;83:1225–30, RE

David method

Valve-sparing reconstruction within the native aortic root: integrating the Yacoub and the David methods (Kollar) 2007;83:2241–3, HW

Decellularization

Novel method of decellularization of porcine valves using polyethylene glycol and gamma irradiation (Ota, Taketani, & others) 2007;83:1501–7*

Decision analysis

Defining the optimal treatment of locally advanced esophageal cancer: a systematic review and decision analysis (Graham, Shrive, & others) 2007;83:1257–64*; Invited Commentary (Burfeind) 2007;83:1264, IC

Deep hypothermic circulatory arrest

See also Circulatory arrest

Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041–6*

Use of a miniaturized circuit and bloodless prime to avoid cerebral no-reflow after neonatal cardiopulmonary bypass (Hickey, Karamlou, & others) 2007;83:895–901*

Deep sternal wound infection

New method for sternal closure after vacuum-assisted therapy in deep sternal infections after cardiac surgery (Reiss, Schuett, & others) 2007;83:2246–7, HW

Use of both internal thoracic arteries in diabetic patients increases deep sternal wound infection (Savage, Grab, & others) 2007;83:1002–7*; Invited Commentary (Douville) 2007;83:1007, IC

Degenerative disease

Simplified approach to degenerative disease: triangular resections of the mitral valve (Gazoni, Fedoruk, & others) 2007;83:1658–65*; Discussion (Mack, Gazoni, & others) 2007;83:1664–5, DI

Descending aorta

Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections (Czerny, Zimpfer, & others) 2007;83:1635–40*; Invited Commentary (Mitchell) 2007;83:1640, IC

Panel discussion: session IV—descending and thoracoabdominal aorta (Spielvogel, Cambria, & others) 2007;83:S890–2, DI

Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta (Czerny, Grimm, & others) 2007;83:450–5*

Descending necrotizing mediastinitis

Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy (Gorlitzer, Grabenwoeger, & others) 2007;83:393–6*; Invited Commentary (Lanuti) 2007;83:396, IC

Descending thoracic aneurysms

Pulmonary complications after descending thoracic and thoracoabdominal aortic aneurysm repair: predictors, prevention, and treatment (Etz, Luozzo, & others) 2007;83:S870–6*

Descending thoracic aorta surgery

Spinal cord perfusion and protection during descending thoracic and thoracoabdominal aortic surgery: the collateral network concept (Griepp & Griepp) 2007;83:S865–9*

Survival benefit of endovascular descending thoracic aorta repair for the high-risk patient (Patel, Shillingford, & others) 2007;83:1628–34*; Discussion (Kern, Patel, & Sundt) 2007;83:1633–4, DI

Desmopressin acetate

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Diabetes mellitus

Impact of diabetes on five-year outcomes of patients with multivessel coronary artery disease (Hueb, Gersh, & others) 2007;83:93–9*

Use of both internal thoracic arteries in diabetic patients increases deep sternal wound infection (Savage, Grab, & others) 2007;83:1002–7*; Invited Commentary (Douville) 2007;83:1007, IC

Dialysis

Long-term results of bilateral internal thoracic artery grafting in dialysis patients (Kai, Okabayashi, & others) 2007;83:1666–71*

Diaphragm

Bilateral diaphragmatic plication in the setting of bilateral sequential lung transplantation (Shihata & Mullen) 2007;83:1201–3, CR

Blunt diaphragmatic rupture mandates a search for blunt aortic injury: an update (Chughtai, Sharkey, & others) 2007;83:1234–5, CP

Lipoma of the diaphragm: a rare presentation (Sen, Discigil, & others) 2007;83:2203–5, CR

Diaphragmatic paralysis

Transient diaphragmatic paralysis by continuous paraphenic infusion of bupivacaine: a novel technique for the management of residual spaces (Clavero, Cheyre, & others) 2007;83:1216–8

Diastolic dysfunction

Left ventricular diastolic dysfunction in chronic aortic dissection (Shingu, Shiiya, & others) 2007;83:1356–60*

Diazoxide

Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide (McCully, Rousou, & others) 2007;83:1102–9*; Invited Commentary (Chambers) 2007;83:1109, IC

Diffusion capacity

Predicted versus observed FEV₁ and DLCO after major lung resection: a prospective evaluation at different postoperative periods (Brunelli, Refai, & others) 2007;83:1134–9*; Invited Commentary (Jordan, Polkey, & Goldstraw) 2007;83:1139, IC

Diffusion-weighted magnetic resonance imaging

Postcardiac surgical cognitive impairment in the aged using diffusion-weighted magnetic resonance imaging (Cook, Huston, & others) 2007;83:1389–95*

Digital frequency analysis

Early detection of mechanical valve dysfunction using a new home monitoring device (Fritzsche, Eitz, & others) 2007;83:542–8*

Distal pulmonary artery

Ductal origin of the distal pulmonary artery in truncus arteriosus (Carotti, Piacentini, & Marino) 2007;83:2262, CP; Reply (Karamlou) 2007;83:2262–3

DNA mismatch repair

Gastroduodenal reflux leads to down regulation of DNA mismatch repair pathway in an animal model of esophageal cancer (Bonde, Gao, & others) 2007;83:433–40*; Discussion (Chang, Bonde, & others) 2007;83:440, DI

Donor

Feasibility and utility of a lung donor score: correlation with early post-transplant outcomes (Oto, Levvey, & others) 2007;83:257–64*; Invited Commentary (Dark) 2007;83:264, IC

Donor lung

First human transplantation of a nonacceptable donor lung after reconditioning ex vivo (Steen, Ingemansson, & others) 2007;83:2191–5, NT; Invited Commentary (Allan) 2007;83:2194–5, IC

Doppler imaging

Clinical utility of tissue Doppler imaging in prediction of atrial fibrillation after coronary artery bypass grafting (Benedetto, Melina, & others) 2007;83:83–8*

Doublet-outlet right atrium

Doublet-outlet right atrium: anatomic and clinical considerations (Brancaccio, Amodeo, & others) 2007;83:619–21*

"Downhill" varices

"Downhill" varices—banding proximal to varix? (Dhawan) 2007;83:359–60, CP

Drains

Use of flexible silastic drains in thoracic surgery: a word of caution (Saxena, Kejriwal, & Newman) 2007;83:2258–9, CP; Reply (Ishikura & Kimura) 2007;83:2259

Drug-eluting stents

Drug-eluting stent-induced left anterior descending coronary artery aneurysm: repair by pericardial patch—where are we headed? (Luthra, Tatoulis, & Warren) 2007;83:1530–2, CR

Drug use

Long-term outcomes in valve replacement surgery for infective endocarditis (Kaiser, Melby, & others) 2007;83:30–5*

Dual chamber pacemakers

Use of conventional dual chamber pacemakers with custom lead adapters to induce atrial fibrillation or heart failure in dogs (Cingoz, Yanulis, & others) 2007;83:1858–62, NT

"Dumbbell" heart

Localized pericardial constriction resulting in a "dumbbell" heart (Hamdulay, Kumar, & others) 2007;83:2222–4, CR

Ebstein's anomaly

Ebstein's anomaly of the tricuspid valve in combination of tetralogy of Fallot: total correction in infancy (Lai, Wu, & Yang) 2007;83:304–6, CR

Modified technique for the surgical treatment of severe tricuspid valve deformity in Ebstein's anomaly (Bichell, Mora, & others) 2007;83:678–80, CR

Pericardial patch augmentation of both anterior and septal leaflets in Ebstein's anomaly (Ogus, Indelen, & others) 2007;83:676–8, CR

Successful use of transvenous atrial and bifocal left ventricular pacing in Ebstein's anomaly after tricuspid prosthetic valve surgery (Lopez & Leachman) 2007;83:1183–5, CR

Echocardiography

Ross procedure: clinical and echocardiographic follow-up in 219 consecutive patients (Chiappini, Absil, & others) 2007;83:1285–9*

Edge-to-edge mitral repair

Edge-to-edge mitral repair without annuloplasty in combination with surgical ventricular restoration (Sartipy, Albåge, & others) 2007;83:1303–9*

Edge-to-edge mitral valve repair: a "safe and useful" technique? (Aklog & deGuzman) 2007;83:2261–2, CP

Edge-to-edge technique for residual mitral valve regurgitation (Muthialu) 2007;83:724, CP; Reply (Brinster & Cohn) 2007;83:724–5

Editorials

Coronary artery bypass grafting baseline cognitive assessment: essential not optional (Selnes & Zeger) 2007;83:374–6, ED

Society of Thoracic Surgeons General Thoracic Surgery Database (Wright & Edwards) 2007;83:893–4, ED

Why serial assessments of cardiac surgery patients' neurobehavioral performances are misleading (Keith, Cohen, & Lecci) 2007;83:370–3, ED

Elastofibroma dorsi

Elastofibroma dorsi: clinicopathologic review of 6 cases (Mortman, Hochheiser, & others) 2007;83:1894–7, CR

Elderly

Aortic valve replacement with 17-mm St. Jude medical prostheses for a small aortic root in elderly patients (Takaseya, Kawara, & others) 2007;83:2050-3*

Discharge to home rates are significantly lower for octogenarians undergoing coronary artery bypass graft surgery (Bardakci, Cheema, & others) 2007;83:483-9*

Is extracorporeal life support contraindicated in elderly patients? (Saito, Nakatani, & others) 2007;83:140-5*; Invited Commentary (Franke) 2007;83:145, IC

Electrophysiologic mapping

Intraoperative epicardial electrophysiologic mapping and isolation of autonomic ganglionic plexi (Mehall, Kohut, & others) 2007;83:538-41*

Emboli

Are cerebral emboli real when perfluorocarbon emulsion (AF0144) is used in cardiac surgery? (Mattrey) 2007;83:1922-3, CP; Reply (Hill & Grocott) 2007;83:1923

Neurocognitive function and cerebral emboli: randomized study of on-pump versus off-pump coronary artery bypass surgery (Motallebzadeh, Bland, & others) 2007;83:475-82*

Embolization

Late embolization of Amplatzer patent ductus arteriosus occlusion device with thoracic aorta embedment (McMullan, Moulik, & Jonas) 2007;83:1177-9, CR

Preoperative embolization followed by surgical excision of an intrapericardial pheochromocytoma (Ali, Devbhandari, & others) 2007;83:302-4, CR

Emphysema

Lung volume reduction surgery in patients with emphysema and α -1-antitrypsin deficiency (Stoller, Gildea, & others) 2007;83:241-51*

Endocardial fibroelastosis

Revisiting animal models of aortic stenosis in the early gestation fetus (Eghtesady, Michelfelder, & others) 2007;83:631-9*

Endocarditis

Epidemiology and clinical outcomes of infective endocarditis in hemodialysis patients (Kamalakannan, Pai, & others) 2007;83:2081-6*; Invited Commentary (Salerno & Ricci) 2007;83:2086, IC

Long-term outcomes in valve replacement surgery for infective endocarditis (Kaiser, Melby, & others) 2007;83:30-5*

Mitral valve repair and replacement in endocarditis: a systematic review of literature (Feringa, Shaw, & others) 2007;83:564-71*; Invited Commentary (Zehr) 2007;83:570-1, IC

Predictors of death and impact of surgery in *Staphylococcus aureus* infective endocarditis (Remadi, Habib, & others) 2007;83:1295-302*

Subcoronary Ross procedure in patients with active endocarditis (Schmidtke, Dahmen, & Sievers) 2007;83:36-9*

Treatment of endocarditis: a decade of experience (Slater, Komanapalli, & others) 2007;83:2074-80*; Discussion (Grover, Slater, & others) 2007;83:2079-80, DI

Endografting

Introduction to thoracic endografting: imaging, guidewires, guiding catheters, and delivery sheaths (Wheatley, McNutt, & Diethrich) 2007;83:272-8, NT

Risk factors of neurologic deficit after thoracic aortic endografting (Khoynezhad, Donayre, & others) 2007;83:S822-9*

Endoleaks

Treatment of type V endoleaks by endovascular redo stent-graft placement (Zimpfer, Schoder, & others) 2007;83:664-6, CR

Endoprostheses

Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation (Nassar, Llana, & others) 2007;83:663-4, CR

End-organ protection

Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041-6*

Endoscopic ultrasound

Endoscopic ultrasound compared with laparoscopy for staging esophageal cancer (Kaushik, Khalid, & others) 2007;83:2000-2*

Endoscopy

Endoscopic cardiac tumor resection (Deshpande, Casselman, & others) 2007;83:2142-6*

Endoscopic correction of the adult form of scimitar syndrome and mitral regurgitation: anatomic and technical considerations (Lev-Ran, Casselman, & others) 2007;83:2205-7, CR

Endoscopic radial artery harvesting with a novel vessel sealing system (Bisleri, Bottio, & Muneretto) 2007;83:1580-1, CP

Long-term results of the endoscopic atraumatic coronary artery bypass (Vassiliades, Reddy, & others) 2007;83:979-85*; Discussion (Kern, Reddy, & Poston) 2007;83:984-5, DI

Robotic endoscopic left internal mammary artery harvesting: what have we learned after cases? (Oehlinger, Bonaros, & others) 2007;83:1030-4*, IC

Endostaplers

Use of pedicled omentum and endostaplers in esophagogastric anastomosis (Karaoglanoglu, Turyilmaz, & Eroglu) 2007;83:2259-60, CP

Endothelial cells

Aortocoronary endothelial cell-seeded polytetrafluoroethylene graft: 9-year patency (Gabbieri, Dohmen, & others) 2007;83:1166-8, CR

Endothelial cell-seeded bovine internal mammary artery for complete revascularization (Dohmen, Gabbieri, & others) 2007;83:1168-9, CR

Endothelial nitric oxide synthase

Endothelial nitric oxide synthase in bicuspid aortic valve disease (Aicher, Urbich, & others) 2007;83:1290-4*

Endothelial progenitor cells

Endothelial progenitor cells are mobilized after cardiac surgery (Roberts, Xiao, & others) 2007;83:598-605*

Endothelin-A receptor

Selective endothelin-A receptor inhibition after cardiac surgery: a safety and feasibility study (Ikonomidis, Hilton, & others) 2007;83:2153-61*; Discussion (Hammon & Ikonomidis) 2007;83:2161, DI

Endotoxemia

Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83:153-60*; Invited Commentary (Jessen) 2007;83:160, IC

Endotracheal intubation

Management of iatrogenic tracheobronchial injuries: a retrospective analysis of 29 cases (Schneider, Storz, & others) 2007;83:1960-4*

Endovascular metallic ring coil

Effective approach for the treatment of bronchopleural fistula: application of endovascular metallic ring-shaped coil in combination with fibrin glue (Sivrikoz, Kaya, & others) 2007;83:2199–201, CR

Endovascular stent grafts

Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections (Czerny, Zimpfer, & others) 2007;83:1635–40*; Invited Commentary (Mitchell) 2007;83:1640, IC

Hybrid technique for total arch repair: aortic neck reshaping for endovascular-graft fixation (Antona, Vanelli, & others) 2007;83:1158–61, NT

Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta (Czerny, Grimm, & others) 2007;83:450–5*

Treatment of type V endoleaks by endovascular redo stent-graft placement (Zimpfer, Schoder, & others) 2007;83:664–6, CR

Endovascular surgery

Assessment of spinal cord circulation and function in endovascular treatment of thoracic aortic aneurysms (Schurink, Nijenhuis, & others) 2007;83:S877–81*

Combined open and endovascular repair of acute type A aortic dissection (Sorokin, Chong, & others) 2007;83:666–8, CR

Endovascular repair of acute type B aortic dissection: long-term follow-up of true and false lumen diameter changes (Schoder, Czerny, & others) 2007;83:1059–66*

Survival benefit of endovascular descending thoracic aorta repair for the high-risk patient (Patel, Shillingford, & others) 2007;83:1628–34*; Discussion (Kern, Patel, & Sundt) 2007;83:1633–4, DI

End-to-end anastomosis

Tube-graft inversion for the construction of an “open” distal anastomosis during ascending aortic replacement: a new technique (Alexiou & Sosnowski) 2007;83:326–8, HW

Epicardial ablation

Thoracoscopic microwave epicardial ablation: feasibility for the treatment of idiopathic sinus node tachycardia (Shandling, Rieders, & Bethencourt) 2007;83:300–2, CR

Epicardial electrophysiologic mapping

Intraoperative epicardial electrophysiologic mapping and isolation of autonomic ganglionic plexi (Mehall, Kohut, & others) 2007;83:538–41*

Epicardial leads

Ventricular epicardial lead placement for resynchronization by determination of paced depolarization intervals: technique and rationale (Edgerton, Edgerton, & others) 2007;83:89–92*; Discussion (Van Meter & Edgerton) 2007;83:92, DI

Epithelial-myoepithelial carcinoma

Bronchial epithelial-myoepithelial carcinoma (Chao, Lin, & others) 2007;83:689–91, CR

Erythropoietin

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Esophageal cancer

Defining the optimal treatment of locally advanced esophageal cancer: a systematic review and decision analysis (Graham, Shreve, & others) 2007;83:1257–64*; Invited Commentary (Burfeind) 2007;83:1264, IC

Endoscopic ultrasound compared with laparoscopy for staging esophageal cancer (Kaushik, Khalid, & others) 2007;83:2000–2*

Gastroesophageal reflux leads to down regulation of DNA mismatch repair pathway in an animal model of esophageal cancer (Bonde, Gao, & others) 2007;83:433–40*; Discussion (Chang, Bonde, & others) 2007;83:440, DI

Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer (Motoyama, Kitamura, & others) 2007;83:1273–8*; Invited Commentary (Hoover) 2007;83:1278, IC

Transhiatal esophagectomy for distal and cardia cancers: implications of a positive gastric margin (DiMusto & Orringer) 2007;83:1993–9*; Discussion (Blackmon, Orringer, & others) 2007;83:1998–9, DI

Esophageal carcinoma

Appraisal of a revised lymph node classification system for esophageal squamous cell cancer (Dhar, Hattori, & others) 2007;83:1265–72*

Esophageal foreign bodies

Video-mediastinoscope: for extracting upper esophageal foreign bodies (Tekinbas & Erol) 2007;83:2239–40, HW

Esophageal perforation

Esophageal stent placement for the treatment of iatrogenic intrathoracic esophageal perforation (Freeman, Van Woerkom, & Ascioti) 2007;83:2003–8*; Discussion (Johnson, Freeman, & others) 2007;83:2007–8, DI

Modified T-tube repair of delayed esophageal perforation results in a low mortality rate similar to that seen with acute perforations (Linden, Bueno, & others) 2007;83:1129–33*; Invited Commentary (Urschel) 2007;83:1133, IC

Esophageal resection

Ischemic preconditioning of the gastric conduit prior to esophageal resection (Pramesh & Mistry) 2007;83:728, CP

Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to Heller myotomy (Genio, Genio, & others) 2007;83:2235–8, HW

Esophageal stents

Esophageal stent placement for the treatment of iatrogenic intrathoracic esophageal perforation (Freeman, Van Woerkom, & Ascioti) 2007;83:2003–8*; Discussion (Johnson, Freeman, & others) 2007;83:2007–8, DI

Esophagectomy

Transhiatal esophagectomy for distal and cardia cancers: implications of a positive gastric margin (DiMusto & Orringer) 2007;83:1993–9*; Discussion (Blackmon, Orringer, & others) 2007;83:1998–9, DI

Esophagogastric anastomosis

Propensity-matched analysis of three techniques for intrathoracic esophagogastric anastomosis (Blackmon, Correa, & others) 2007;83:1805–13*; Discussion (Miller & Blackmon) 2007;83:1813, DI

Use of pedicled omentum and endostaplers in esophagogastric anastomosis (Karaoglu, Turyilmaz, & Eroglu) 2007;83:2259–60, CP

Esophagus

Intrathoracic periesophageal fundoplication for short esophagus: a 20-year experience (Volonté, Collard, & others) 2007;83:265–71*

EuroSCORE

Can the EuroSCORE predict the early and mid-term mortality after off-pump coronary artery bypass grafting? (Youn, Kwak, & Yoo) 2007;83:2111–7*

Evidence-based data

At last, inequities in reimbursement modified by real evidence-based data (Grover) 2007;83:9–11, ED

Expanded polytetrafluoroethylene graft

Aortocoronary endothelial cell-seeded polytetrafluoroethylene graft: 9-year patency (Gabbieri, Dohmen, & others) 2007;83:1166–8, CR

Extracardiac Fontan operation

Fontan operation: a comparison of lateral tunnel with extracardiac conduit (Fiore, Turrentine, & others) 2007;83:622–30*; Discussion (Fraser, Fiore, & others) 2007;83:629–30, DI

Extracellular matrix

Does cryopreservation destroy the extracellular matrix of pulmonary allografts? (Dohmen & Konertz) 2007;83:1921, CP; Reply (Schenke-Layland & Stock) 2007;83:1921–2

Optimized preservation of extracellular matrix in cardiac tissues: implications for long-term graft durability (Schenke-Layland, Xie, & others) 2007;83:1641–50*

Extracorporeal bypass

Intraoperative veno-arterial hemofiltration during miniaturized extracorporeal bypass (Capuano, Bianchini, & others) 2007;83:2215–6, CR

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27–86, RP

Extracorporeal circulation

Minimally invasive closed circuit versus standard extracorporeal circulation for aortic valve replacement (Castiglioni, Verzini, & others) 2007;83:586–91*

Extracorporeal life support

Is extracorporeal life support contraindicated in elderly patients? (Saito, Nakatani, & others) 2007;83:140–5*; Invited Commentary (Franke) 2007;83:145, IC

Leukocyte effects of C5a-receptor blockade during simulated extracorporeal circulation (Rinder, Smith, & others) 2007; 83:146–52*; Invited Commentary (Lappegaard) 2007;83:152, IC

Extracorporeal membrane oxygenation

Anticoagulation and pediatric extracorporeal membrane oxygenation: impact of activated clotting time and heparin dose on survival (Baird, Zurakowski, & others) 2007;83: 912–20*; Discussion (Hines, Baird, & Pearl) 2007;83:919–20, DI

Extracorporeal membrane oxygenation for Swan-Ganz induced intraoperative hemorrhage (Bianchini, Melina, & others) 2007;83:2213–4, CR

Successful use of bivalirudin as anticoagulant for ECMO in a patient with acute HIT (Koster, Weng, & others) 2007;83: 1865–7, CR

Fabric neomedia

Midterm results of aortic repair using a fabric neomedia and fibrin glue for type A acute aortic dissection (Nakjima, Kawazoe, & others) 2007;83:1615–20*

Factor V inhibitor

Postoperative coagulopathy in a pediatric patient after exposure to bovine topical thrombin (Crow, Sullivan, & others) 2007;83:1547–9, CR

Factor VI

Caution with the use of recombinant activated factor VII in treating postoperative hemorrhage in cardiac surgery (Al-Ruzzeh, Mahmoud, & others) 2007;83:355, CP; Reply (Tatoulis) 2007;83:355–6

Factor VIII

Successful aortic valve replacement with Heyde syndrome with confirmed hematologic recovery (Morishima, Marui, & others) 2007;83:287–8, CR

False aneurysm

Reoperation for giant false aneurysm of the thoracic aorta: how to reenter the chest? (Bachet, Pirotte, & others) 2007;83:1610–4*

False lumen

Endovascular repair of acute type B aortic dissection: long-term follow-up of true and false lumen diameter changes (Schoder, Czerny, & others) 2007;83:1059–66*

Femoral cannulation

Axillary versus femoral cannulation for aortic surgery: enough evidence for a general recommendation? (Gulbins, Pritisanac, & Ennker) 2007;83:1219–24*, CV

Fenfluramine

Valvular heart disease associated with fenfluramine detected 7 years after discontinuation of treatment (Greffé, Chalabreysse, & others) 2007;83:1541–3, CR

FEV₁

Predicted versus observed FEV₁ and DLCO after major lung resection: a prospective evaluation at different postoperative periods (Brunelli, Refai, & others) 2007;83:1134–9*; Invited Commentary (Jordan, Polkey, & Goldstraw) 2007; 83:1139, IC

¹⁸F-fluorodeoxyglucose positron emission tomography

¹¹C-Acetate and ¹⁸F-fluorodeoxyglucose positron emission tomography of pulmonary adenocarcinoma (Kaji, Nomori, & others) 2007;83:312–4, CR

Ratio of the maximum standardized uptake value on FDG-PET of the mediastinal (N2) lymph nodes to the primary tumor may be a universal predictor of nodal malignancy in patients with nonsmall-cell lung cancer (Cerfolio & Bryant) 2007;83:1826–30*; Discussion (Miller, Cerfolio, & Meyers) 2007;83:1829–30, DI

Fibrin glue

Effective approach for the treatment of bronchopleural fistula: application of endovascular metallic ring-shaped coil in combination with fibrin glue (Sivrikoz, Kaya, & others) 2007;83:2199–201, CR

Midterm results of aortic repair using a fabric neomedia and fibrin glue for type A acute aortic dissection (Nakjima, Kawazoe, & others) 2007;83:1615–20*

Fibrin sealant

Bronchial artery aneurysm treated with aortic stent graft and fibrin sealant (Sanchez, Alados, & others) 2007;83:693–5, CR

Fibrosing mediastinitis

Successful steroid treatment of fibrosing mediastinitis and sclerosing cervicitis (Ikeda, Nomori, & others) 2007;83: 1199–1201, CR

Fistula

Bronchopleural fistula repair during Clagett closure utilizing a collagen matrix plug (Paul, Talbot, & others) 2007;83: 1519–21, CR

Effective approach for the treatment of bronchopleural fistula: application of endovascular metallic ring-shaped coil in combination with fibrin glue (Sivrikoz, Kaya, & others) 2007;83:2199–201, CR

Hybrid therapy for rapid enlargement of hibernating coronary arteriovenous fistulas (Oyamada, Kobayashi, & others) 2007;83:1532–4, CR

Fistula (cont'd)

Surgical treatment of bilateral aneurysmal coronary to pulmonary artery fistulas associated with severe atherosclerosis (Said, Voigt, & others) 2007;83:291–3, CR

Fixation

New transverse plate fixation system for complicated sternal wound infection after median sternotomy (Plass, Grünenfelder, & others) 2007;83:1210–2, HW

Flail tricuspid valve

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Flexible silastic drains

Use of flexible silastic drains in thoracic surgery: a word of caution (Saxena, Kejriwal, & Newman) 2007;83:2258–9, CP; Reply (Ishikura & Kimura) 2007;83:2259

Flexible videopericardioscopy

Flexible videopericardioscopy in cT4 nonsmall-cell lung cancer with radiologic evidence of proximal vascular invasion (Pompeo, Tacconi, & Mineo) 2007;83:402–8*

Fluid mechanics

Are we using the right fluid mechanics principles? (Eng & Eng) 2007;83:354, CP; Reply (Yoshida, Tobe, & Yamaguchi) 2007;83:354–5

Fontan operation

Fontan operation: a comparison of lateral tunnel with extracardiac conduit (Fiore, Turrentine, & others) 2007;83:622–30*; Discussion (Fraser, Fiore, & others) 2007;83:629–30, DI

Forearm muscle necrosis

Forearm muscle necrosis after radial artery harvesting for coronary artery bypass surgery (Chattar-Cora) 2007;83:1869–70, CR

Foreign bodies

Video-mediastinocope: for extracting upper esophageal foreign bodies (Tekinbas & Erol) 2007;83:2239–40, HW

Fractional flow reserve

Does stenosis severity of native vessels influence bypass graft patency? A prospective fractional flow reserve-guided study (Botman, Schonberger, & others) 2007;83:2093–7*

Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty (Botman, Post, & others) 2007;83:490–5*; Invited Commentary (Dion) 2007;83:494–5, IC

Freestyle stentless bioprosthetic

Late disruption of a Freestyle stentless bioprosthetic used for repair of sinus of Valsalva aneurysm of noncoronary cusp (Takami, Masumoto, & Fyfe-Kirschner) 2007;83:2210–3, CR

Frozen elephant trunk technique

Frozen elephant trunk technique for treatment of thoracic aortic aneurysms (Baraki, Hagl, & others) 2007;83:S819–23*

Fundoplication

Intrathoracic periesophageal fundoplication for short esophagus: a 20-year experience (Volonté, Collard, & others) 2007;83:265–71*

Gamma irradiation

Novel method of decellularization of porcine valves using polyethylene glycol and gamma irradiation (Ota, Taketani, & others) 2007;83:1501–7*

Gastric antrum adenocarcinoma

Immunopathological patterns of the stomach in adenocarcinoma of the esophagus, cardia, and gastric antrum: gastric profiles in Siewert type I and II tumors (Mattioli, Ruffato, & others) 2007;83:1814–9*

Gastric conduit

Ischemic preconditioning of the gastric conduit prior to esophageal resection (Pramesh & Mistry) 2007;83:728, CP

Gastric margins

Transhiatal esophagectomy for distal and cardia cancers: implications of a positive gastric margin (DiMusto & Orringer) 2007;83:1993–9*; Discussion (Blackmon, Orringer, & others) 2007;83:1998–9, DI

Gastroduodenal reflux

Gastroduodenal reflux leads to down regulation of DNA mismatch repair pathway in an animal model of esophageal cancer (Bonde, Gao, & others) 2007;83:433–40*; Discussion (Chang, Bonde, & others) 2007;83:440, DI

Gastroepiploic artery graft/grafting

Gastroepiploic artery grafting does not improve the late outcome in patients with bilateral internal thoracic artery grafting (Esaki, Koshiji, & others) 2007;83:1024–9*; Invited Commentary (Tector) 2007;83:1029, IC

Spontaneous restoration of patency in the free gastroepiploic artery graft: the living transplanted vascular system for coronary revascularization (Eda, Matuura, & others) 2007;83:2219–20, CR

Gelatin-resorcin-formalin glue

Late complications of gelatin-resorcin-formalin glue in the repair of acute type A aortic dissection (Hata, Takano, & others) 2007;83:1621–7*; Invited Commentary (LeMaire) 2007;83:1626–7, IC

Gender

Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide (McCully, Rousou, & others) 2007;83:1102–9*; Invited Commentary (Chambers) 2007;83:1109, IC

Gene therapy

Effects of cell-based angiogenic gene therapy at 6 months: persistent angiogenesis and absence of oncogenicity (Kim, Li, & others) 2007;83:640–7*; Invited Commentary (Nikolaos, Rauend, & Alfred) 2007;83:646–7, IC

Enhanced angiogenesis with multimodal cell-based gene therapy (Yau, Kim, & others) 2007;83:1110–20*; Invited Commentary (Feng & Sellke) 2007;83:1119–20, IC

Germ cell tumors

Mediastinal germ cell tumors (Kesler & Einhorn) 2007;83:1915, KR

Graft(s)

See also Allografts; Coronary artery bypass grafting; Internal thoracic artery grafts; Saphenous vein grafts

Aortic arch replacement with a trifurcated graft (Spielvogel, Etz, & others) 2007;83:S791–5*

Aortic valve replacement and concomitant coronary artery bypass: assessing the impact of multiple grafts (Kobayashi, Williams, & others) 2007;83:969–78*; Invited Commentary (Kurlansky) 2007;83:978, IC

Aortocoronary endothelial cell-seeded polytetrafluoroethylene graft: 9-year patency (Gabbieri, Dohmen, & others) 2007;83:1166–8, CR

Intraoperative imaging techniques to assess coronary artery bypass graft patency (Balacumaraswami & Taggart) 2007;83:2251–7, CV

Modified trifurcated graft in acute type A aortic dissection with the least brain ischemic time (Chen & Hsieh) 2007; 83:e6–8, HW

Novel bioengineered small caliber vascular graft with excellent one-month patency (Ishii, Kronengold, & others) 2007;83:517–25*

Optimized preservation of extracellular matrix in cardiac tissues: implications for long-term graft durability (Schenke-Layland, Xie, & others) 2007;83:1641–50*

Prosthetic replacement of the ascending aorta increases wall tension in the residual aorta (Scharfschwerdt, Sievers, & others) 2007;83:954–7*

Radial artery graft treatment with phenoxybenzamine is clinically safe and may reduce perioperative myocardial injury (Kulik, Rubens, & others) 2007;83:502–9*; Invited Commentary (Holman) 2007;83:509, IC

Spontaneous restoration of patency in the free gastroepiploic artery graft: the living transplanted vascular system for coronary revascularization (Eda, Matuura, & others) 2007; 83:2219–20, CR

Techniques and benefits of multiple internal mammary artery bypass at 20 years of follow-up (Rankin, Tuttle, & others) 2007;83:1008–15*; Discussion (Lytle, Rankin, & others) 2007;83:1014–5, DI

Graft ischemia

Geometric disproportion of cardiac structure and graft ischemia affect tricuspid valve regurgitation early after neonatal heart transplantation (Asano, Razzouk, & others) 2007;83:1774–80*

Graft pneumonectomy

Graft pneumonectomy and delayed contralateral lung transplantation (Antonio, Gámez, & others) 2007;83:1891–3, CR

Granulocyte-colony stimulating factor

Endothelial progenitor cells are mobilized after cardiac surgery (Roberts, Xiao, & others) 2007;83:598–605*

Lung large cell carcinoma producing granulocyte-colony-stimulating factor (Hasegawa, Suda, & others) 2007;83: 308–10, CR

Guidewires

Introduction to thoracic endografting: imaging, guidewires, guiding catheters, and delivery sheaths (Wheatley, McNutt, & Diethrich) 2007;83:272–8, NT

Guiding catheters

Introduction to thoracic endografting: imaging, guidewires, guiding catheters, and delivery sheaths (Wheatley, McNutt, & Diethrich) 2007;83:272–8, NT

Hamartoma

Multiple central endobronchial chondroid hamartoma (Kang, Han, & others) 2007;83:691–3, CR

Posterior mediastinal chondromatous hamartoma (Gholoum, Fraser, & Ferri) 2007;83:1528–30, CR

Transverse bronchoplasty of the membranous wall after resection of an endobronchial hamartoma (Tomos, Karaiskos, & others) 2007;83:703–4, HW

Hancock II valve

Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison (Borger, Nette, & others) 2007;83:2054–9*; Invited Commentary (Pepper) 2007;83:2058–9, IC

Hand-assisted videothoracoscopic surgery

Transxiphoid hand-assisted videothoracoscopic surgery (Mineo, Ambrogi, & others) 2007;83:1978–85*; Invited Commentary (Dettarbeck) 2007;83:1984–5, IC

Hand-sewn anastomosis

Propensity-matched analysis of three techniques for intrathoracic esophagogastric anastomosis (Blackmon, Correa, & others) 2007;83:1805–13*; Discussion (Miller & Blackmon) 2007;83:1813, DI

Heads and neck cancer

Pulmonary complications after lung resection are increased in patients with previous head and neck cancer (Massard, Kochetkova, & Wihlm) 2007;83:2258, CP

Health care

Health care consumption due to atrial fibrillation is markedly reduced by Maze III surgery (Wierup, Lidén, & others) 2007;83:1713–6*

Health-related quality of life

Improved health-related quality of life and functional status after surgical ventricular restoration (Sartipy, Albåge, & Lindblom) 2007;83:1381–8*; Invited Commentary (Buckberg) 2007;83:1387–8, IC

Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? (Zacharias, Lerman, & Knowles) 2007;83:2260, CP; Reply (Koch & Blackstone) 2007;83: 2260–1

Hearing loss

Effectiveness of hyperbaric oxygen therapy for hearing loss after cardiac surgery (Bruschi, Tarelli, & others) 2007;83: e9–10, CR

Heart

Cardiac function and position more than 5 years after pneumonectomy (Smulders, Holverda, & others) 2007;83:1986–92*; Invited Commentary (Lee) 2007;83:1992, IC

Postconditioning the human heart with adenosine in heart valve replacement surgery (Jin, Zhou, & others) 2007;83: 2066–73*; Invited Commentary (Krukenkamp) 2007;83: 2073, IC

Heart block

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Heart failure

Cardiac resurrection after bone-marrow-derived mononuclear cell transplantation during left ventricular assist device support (Gojo, Kyo, & others) 2007;83:661–2, CR

Coronary artery bypass for heart failure in ischemic cardiomyopathy: 17-year follow-up (Pocar, Moneta, & others) 2007;83:468–74*

Long-term consequences of postoperative heart failure after surgery for aortic stenosis compared with coronary surgery (Vánky, Håkanson, & Svedjeholm) 2007;83: 2036–43*

Use of conventional dual chamber pacemakers with custom lead adapters to induce atrial fibrillation or heart failure in dogs (Cingoz, Yanulis, & others) 2007;83:1858–62, NT

Heart transplantation

See also Cardiac transplantation

Cardiac autotransplantation and radical bi-atrial resection for recurrent atrial myxoma (Gammie, Abrishamchian, & Griffith) 2007;83:1545–7, CR

Combined simultaneous heart and liver transplantation with complete cardiopulmonary bypass support (Bernier, Grenon, & others) 2007;83:1544–5, CR

Comparison of survival in primary and repeat heart transplantation from 1987 through 2004 in the United States (Shubaiber, Kim, & others) 2007;83:2135–41*

Heart transplantation (cont'd)

- Geometric disproportion of cardiac structure and graft ischemia affect tricuspid valve regurgitation early after neonatal heart transplantation (Asano, Razzouk, & others) 2007;83:1774–80*
- Infant heart transplantation ten years later—where are they now? (Gandhi, Canter, & others) 2007;83:169–72*; Discussion (Pennington, Gandhi, & others) 2007;83:172, DI
- Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support (Dakos, Kfoury, & others) 2007;83:62–7*
- Orthotopic heart transplantation in patients with Marfan syndrome (Knosalla, Weng, & others) 2007;83:1691–6*; Invited Commentary (Jeevanandam) 2007;83:1696, IC

Heart valve replacement

- See* Aortic valve replacement; Mitral valve replacement

Heller myotomy

- Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to Heller myotomy (Genio, Genio, & others) 2007;83:2235–8, HW

Hematoma

- Intramural hematoma and penetrating atherosclerotic ulcer of the aorta (Sundt) 2007;83:S835–41*

Hemodialysis

- Epidemiology and clinical outcomes of infective endocarditis in hemodialysis patients (Kamalakannan, Pai, & others) 2007;83:2081–6*; Invited Commentary (Salerno & Ricci) 2007;83:2086, IC
- Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient (Nakajima, Tsuchiya, & others) 2007;83:2216–9, CR

Hemodynamics

- Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison (Borger, Nette, & others) 2007;83:2054–9*; Invited Commentary (Pepper) 2007;83:2058–9, IC
- Early clinical and hemodynamic outcomes after stented and stentless aortic valve replacement: results from a randomized controlled trial (Ali, Halstead, & others) 2007;83:2162–8*
- Hemodynamic performance of the Medtronic Mosaic porcine bioprosthesis up to ten years (Riess, Bader, & others) 2007;83:1310–8*

Hemofiltration

- Intraoperative veno-arterial hemofiltration during miniaturized extracorporeal bypass (Capuano, Bianchini, & others) 2007;83:2215–6, CR

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27–86, RP

Hemopneumothorax

- Massive spontaneous hemopneumothorax complicating rheumatoid lung disease (Basoglu, Celik, & Yetim) 2007;83: 1521–3, CR

Hemoptysis

- Unusual case of hemoptysis 13 years after lobectomy (Paul, Raja, & others) 2007;83:1188–90, CR

Hemorrhage

- Caution with the use of recombinant activated factor VII in treating postoperative hemorrhage in cardiac surgery (Al-Ruzzeh, Mahmoud, & others) 2007;83:355, CP; Reply (Tatoulis) 2007;83:355–6

Extracorporeal membrane oxygenation for Swan-Ganz induced intraoperative hemorrhage (Bianchini, Melina, & others) 2007;83:2213–4, CR

Hemostatic agents

- Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27–86, RP

Heparin

- Anticoagulation and pediatric extracorporeal membrane oxygenation: impact of activated clotting time and heparin dose on survival (Baird, Zurakowski, & others) 2007;83: 912–20*; Discussion (Hines, Baird, & Pearl) 2007;83:919–20, DI
- Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27–86, RP

Heparin antibodies

- Bivalirudin during cardiopulmonary bypass in patients with previous or acute heparin-induced thrombocytopenia and heparin antibodies: results of the CHOOSE-ON trial (Koster, Dyke, & others) 2007;83:572–7*
- Prevalence of heparin/platelet factor 4 antibodies before and after cardiac surgery (Everett, Yeh, & others) 2007;83: 592–7*

Heparin-induced thrombocytopenia

- Bivalirudin during cardiopulmonary bypass in patients with previous or acute heparin-induced thrombocytopenia and heparin antibodies: results of the CHOOSE-ON trial (Koster, Dyke, & others) 2007;83:572–7*
- Impact of heparin-induced thrombocytopenia on outcome in patients with ventricular assist device support: single-institution experience in 358 consecutive patients (Koster, Huebler, & others) 2007;83:72–6*
- Successful use of bivalirudin as anticoagulant for ECMO in a patient with acute HIT (Koster, Weng, & others) 2007;83: 1865–7, CR
- Unusual complication of heparin-induced thrombocytopenia after mitral valve surgery: spontaneous rupture of spleen (Mitchell, Riley, & Vahid) 2007;83:1172–4, CR
- When is HIT really HIT? (Warkentin & Crowther) 2007;83: 21–3, ED

Heparin-platelet factor 4 antibodies

- Positive heparin-platelet factor 4 antibody complex and cardiac surgical outcomes (Kress, Aronson, & others) 2007; 83:1737–43*

Heyde syndrome

- Successful aortic valve replacement with Heyde syndrome with confirmed hematologic recovery (Morishima, Marui, & others) 2007;83:287–8, CR

Hospital

- Adults undergoing cardiac surgery at a children's hospital: an analysis of perioperative morbidity (Rossano, Smith, & others) 2007;83:606–12*
- Association between surgeon and hospital volume and in-hospital fatalities after lung cancer resections: the experience of an Asian country (Lien, Huang, & Lin) 2007;83: 1837–43*
- Is early too early? Effect of shorter stays after bypass surgery (Cowper, DeLong, & others) 2007;83:100–7*; Invited Commentary (Accola) 2007;83:107, IC

Hospital discharge

Determinants of early discharge from the intensive care unit after cardiac operations (Ranucci, Bellucci, & others) 2007;83:1089–95*

Hyperbaric oxygen therapy

Effectiveness of hyperbaric oxygen therapy for hearing loss after cardiac surgery (Bruschi, Tarelli, & others) 2007;83:e9–10, CR

Hyperhidrosis

Amelioration of specific phobias after thoracic sympathetic block in patients with localized hyperhidrosis (Biebl, Fraedrich, & others) 2007;83:1578–9, CP

One-year follow-up after thoracoscopic sympathectomy for hyperhidrosis (Reisfeld) 2007;83:358–9, CP

Outpatient microthoracoscopic sympathectomy for palmar hyperhidrosis (Miller & Force) 2007;83:1850–3*; Discussion (Cerfolio & Miller) 2007;83:1853, DI

Hypertrophic pulmonary osteoarthropathy

Effective symptomatic relief of hypertrophic pulmonary osteoarthropathy by video-assisted thoracic surgery truncal vagotomy (Ooi, Saad, & others) 2007;83:684–5, CR

Hypertrophy

Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? (Wang, Liu, & others) 2007;83:1751–9*; Invited Commentary (Selzman) 2007;83:1758–9, IC

Hypoplastic left heart syndrome

Berlin heart ventricular assist device in a child with hypoplastic left heart syndrome (Chu, Sharma, & others) 2007;83:1179–81, CR

Novel modification of right ventricle to pulmonary artery shunt in palliation of hypoplastic left heart syndrome (Schreiber, Prodán, & others) 2007;83:1230; Reply (Nigro) 2007;83:1231–2

Hypothermic circulatory arrest

Aortic arch replacement with a trifurcated graft (Spielvogel, Etz, & others) 2007;83:S791–5*

Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041–6*

Quick proximal arch replacement with moderate hypothermic circulatory arrest (Kamiya, Hagl, & others) 2007;83:1055–8*

Use of a miniaturized circuit and bloodless prime to avoid cerebral no-reflow after neonatal cardiopulmonary bypass (Hickey, Karamlou, & others) 2007;83:895–901*

Inappropriate sinus tachycardia

Thoracoscopic microwave epicardial ablation: feasibility for the treatment of idiopathic sinus node tachycardia (Shandling, Rieders, & Bethencourt) 2007;83:300–2, CR

Infants

See also Children; Neonate

Attentional dysfunction in children after corrective cardiac surgery in infancy (Hövels-Gürich, Konrad, & others) 2007;83:1425–30*

Ebstein's anomaly of the tricuspid valve in combination of tetralogy of Fallot: total correction in infancy (Lai, Wu, & Yang) 2007;83:304–6, CR

Evaluation of the coagulation system in children with two-ventricle congenital heart disease (Odegard, Zurakowski, & others) 2007;83:1797–804*; Invited Commentary (Guay) 2007;83:1803–4, IC

Infant heart transplantation ten years later—where are they now? (Gandhi, Canter, & others) 2007;83:169–72*; Discussion (Pennington, Gandhi, & others) 2007;83:172, DI

Long-term follow-up after pacemaker implantation in neonates and infants (Aellig, Balmer, & others) 2007;83:1420–4*; Invited Commentary (Heinemann) 2007;83:1423–4, IC

Pulmonary arterial revascularization for pulmonary coarctation in early infancy (Shinkawa, Yamagishi, & others) 2007;83:188–92*

Infarct

Sodium–hydrogen exchange inhibition and β -blockade additively decrease infarct size (Wang, Zaragoza, & Holman) 2007;83:1121–8*; Invited Commentary (Anderson) 2007;83:1128, IC

Infective endocarditis

Epidemiology and clinical outcomes of infective endocarditis in hemodialysis patients (Kamalakannan, Pai, & others) 2007;83:2081–6*; Invited Commentary (Salerno & Ricci) 2007;83:2086, IC

Long-term outcomes in valve replacement surgery for infective endocarditis (Kaiser, Melby, & others) 2007;83:30–5*

Mitral valve repair and replacement in endocarditis: a systematic review of literature (Feringa, Shaw, & others) 2007;83:564–71*; Invited Commentary (Zehr) 2007;83:570–1, IC

Predictors of death and impact of surgery in *Staphylococcus aureus* infective endocarditis (Remadi, Habib, & others) 2007;83:1295–302*

Inferior vena cava

Endoscopic correction of the adult form of scimitar syndrome and mitral regurgitation: anatomic and technical considerations (Lev-Ran, Casselman, & others) 2007;83:2205–7, CR

Inferior vena cava thrombosis

Retrieval stent filter: treatment of Budd Chiari syndrome complicated with inferior vena cava thrombosis—initial clinical experience (Han, Ding, & others) 2007;83:655–60, NT

In-hospital mortality

Risk index for predicting in-hospital mortality for cardiac valve surgery (Hannan, Wu, & others) 2007;83:921–30*; Invited Commentary (Edwards) 2007;83:930, IC

Insurance companies

Use of the STS database by insurance companies (Kratz) 2007;83:1918, CP; Reply (Grover) 2007;83:1918–9

Intensive care unit

Determinants of early discharge from the intensive care unit after cardiac operations (Ranucci, Bellucci, & others) 2007;83:1089–95*

Interatrial septum

Large Valsalva sinus aneurysm simulating an interatrial septum mass (Reverdin, Rabaeus, & Kalangos) 2007;83:696, IM

Internal mammary artery

Endothelial cell-seeded bovine internal mammary artery for complete revascularization (Dohmen, Gabbieri, & others) 2007;83:1168–9, CR

Regulation of human internal mammary and radial artery contraction by extracellular and intracellular calcium channels and cyclic adenosine 3', 5' monophosphate (Rabbani, Vijay, & others) 2007;83:510–6*; Invited Commentary (Perrault & Mommerot) 2007;83:515–6, IC

Robotic endoscopic left internal mammary artery harvesting: what have we learned after cases? (Oehlinger, Bonaros, & others) 2007;83:1030–4*, IC

Internal mammary artery (cont'd)

- Superiority of using bipolar radiofrequency energy for internal mammary artery harvesting (Vassiliades, Cosgriff, & others) 2007;83:1508–12*, NT

Internal mammary artery grafts

- Beating heart aortic valve replacement after previous coronary artery bypass surgery with a patent internal mammary artery graft (Battelini, Rastan, & others) 2007;83:1206–9, HW
- Techniques and benefits of multiple internal mammary artery bypass at 20 years of follow-up (Rankin, Tuttle, & others) 2007;83:1008–15*; Discussion (Lytle, Rankin, & others) 2007;83:1014–5, DI

Internal thoracic arteries

- Use of both internal thoracic arteries in diabetic patients increases deep sternal wound infection (Savage, Grab, & others) 2007;83:1002–7*; Invited Commentary (Douville) 2007;83:1007, IC

Internal thoracic artery grafting

- Exclusive internal thoracic artery grafting in triple-vessel-disease patients: angiographic control (Azmoun, Ramadan, & others) 2007;83:2098–102
- Gastroepiploic artery grafting does not improve the late outcome in patients with bilateral internal thoracic artery grafting (Esaki, Koshiji, & others) 2007;83:1024–9*; Invited Commentary (Tector) 2007;83:1029, IC
- Long-term results of bilateral internal thoracic artery grafting in dialysis patients (Kai, Okabayashi, & others) 2007;83:1666–71*

International normalized ratio

- Self-management of oral anticoagulation therapy improves long-term survival in patients with mechanical heart valve replacement (Koertke, Zittermann, & others) 2007;83:24–9*

International Registry of Acute Aortic Dissection

- Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score (Rampoldi, Trimarchi, & others) 2007;83:55–61*

Interstitial lung disease

- Complications of video-assisted thoracoscopic lung biopsy in patients with interstitial lung disease (Kreider, Hansen-Flaschen, & others) 2007;83:1140–5; Invited Commentary (Miller) 2007;83:1145, IC

Intraatrial tumor thrombus

- Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731–6*

Intramural hematoma

- Intramural hematoma and penetrating atherosclerotic ulcer of the aorta (Sundt) 2007;83:S835–41*

Intraoperative imaging

- Intraoperative imaging techniques to assess coronary artery bypass graft patency (Balacumaraswami & Taggart) 2007;83:2251–7, CV

Intraoperative pleural lavage cytology

- Clinical relevance of intraoperative pleural lavage cytology in non-small cell lung cancer (Nakagawa, Okumura, & others) 2007;83:204–8*

Intraoperative transesophageal echocardiography

- Intraoperative transesophageal echocardiography modifies strategy in off-pump coronary artery bypass grafting (Gurbuz, Hecht, & Arslan) 2007;83:1035–40*

Intraperitoneal cardiac pacemaker systems

- Migration and colon perforation of intraperitoneal cardiac pacemaker systems (Dodge-Khatami, Backer, & others) 2007;83:2230–2, CR

Intrapulmonary teratoma

- Intrapulmonary teratoma: an exceptional disease (Rana, Swami, & others) 2007;83:1194–6, CR

Intrathoracic periesophageal fundoplication

- Intrathoracic periesophageal fundoplication for short esophagus: a 20-year experience (Volonté, Collard, & others) 2007;83:265–71*

Intravenous drug use

- Long-term outcomes in valve replacement surgery for infective endocarditis (Kaiser, Melby, & others) 2007;83:30–5*

Intubation

- Management of iatrogenic tracheobronchial injuries: a retrospective analysis of 29 cases (Schneider, Storz, & others) 2007;83:1960–4*

Invasive thyroid carcinoma

- Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma (Gaisser, Honings, & others) 2007;83:1952–9*

Irradiation

- Novel method of decellularization of porcine valves using polyethylene glycol and gamma irradiation (Ota, Taketani, & others) 2007;83:1501–7*

Ischemia

- Geometric disproportion of cardiac structure and graft ischemia affect tricuspid valve regurgitation early after neonatal heart transplantation (Asano, Razzouk, & others) 2007;83:1774–80*
- Therapeutic benefit of intrathecal injection of marrow stromal cells on ischemia-injured spinal cord (Shi, Kazui, & others) 2007;83:1484–90*; Invited Commentary (Juvonen & Lehenkari) 2007;83:1490, IC

Ischemic cardiomyopathy

- Coronary artery bypass for heart failure in ischemic cardiomyopathy: 17-year follow-up (Pocar, Moneta, & others) 2007;83:468–74*
- Predicting operative mortality after surgery for ischemic cardiomyopathy (Fedoruk, Tribble, & others) 2007;83:2029–35*; Discussion (Conte, Fedoruk, & Azar) 2007;83:2035, DI

Ischemic mitral regurgitation

- Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation (Nguyen, Cheng, & others) 2007;83:47–54*
- Mechanisms of chronic ischemic mitral regurgitation (Radernecker & Lancellotti) 2007;83:1919–20, CP; Reply (Borger & David) 2007;83:1920–1

Ischemic preconditioning

- Ischemic preconditioning of the gastric conduit prior to esophageal resection (Pramesh & Mistry) 2007;83:728, CP

Isolated lung perfusion

- Re-evaluation of toxicity and long-term follow-up of isolated lung perfusion with melphalan in patients with resectable pulmonary metastases: a phase I and extension trial (Grootenboers, Schramel, & others) 2007;83:1235–6, CP

Jatene procedure

- Coronary reimplantation during Jatene procedure (Ugurlucan, Surmen, & others) 2007;83:356–7, CP; Reply (Kan & Yang) 2007;83:357–8

John A. Johnson

- Critical role of physiologist John A. Johnson in the origins of Minnesota's billion dollar pacemaker industry (Gott) 2007;83:349–53, SH

Kaplan-Meier method

Actual and actuarial probabilities of competing risks: apples and lemons (Grunkemeier, Jin, & others) 2007;83:1586-92, SP

Kidneys

Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support (Darakos, Kfoury, & others) 2007;83:62-7*

Lactate

Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization (Onorati, Cristodoro, & others) 2007;83:1016-23*

Laparoscopic cardioplasty

Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to Heller myotomy (Genio, Genio, & others) 2007;83:2235-8, HW

Laparoscopy

Endoscopic ultrasound compared with laparoscopy for staging esophageal cancer (Kaushik, Khalid, & others) 2007;83:2000-2*

Large cell carcinoma

Lung large cell carcinoma producing granulocyte-colony-stimulating factor (Hasegawa, Suda, & others) 2007;83:308-10, CR

Laryngeal nerve

Recurrent laryngeal nerve monitoring during mediastinoscopy: predictors of injury (Roberts & Wadsworth) 2007;83:388-92*; Discussion (Decamp, Roberts, & others) 2007;83:391-2, DI

Laryngotracheal resection

Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma (Gassert, Honings, & others) 2007;83:1952-9*

Lateral tunnel Fontan operation

Fontan operation: a comparison of lateral tunnel with extracardiac conduit (Fiore, Turrentine, & others) 2007;83:622-30*; Discussion (Fraser, Fiore, & others) 2007;83:629-30, DI

Lateral wall myocardial infarction

Impact of lateral wall myocardial infarction on outcomes after surgical ventricular restoration (Patel, Williams, & others) 2007;83:2017-28*; Discussion (Song, Nwakanma, & others) 2007;83:2027-8, DI

Leaflets

Aortic valve repair: the functional approach to leaflet prolapse and valve-sparing surgery (Jeanmart, de Kerchove, & others) 2007;83:S746-51*

Pericardial patch augmentation of both anterior and septal leaflets in Ebstein's anomaly (Ogus, Indelen, & others) 2007;83:676-8, CR

Simplified approach to degenerative disease: triangular resections of the mitral valve (Gazoni, Fedoruk, & others) 2007;83:1658-65*; Discussion (Mack, Gazoni, & others) 2007;83:1664-5, DI

Lecompte maneuver

The Lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome (Tissot, Agoun, & others) 2007;83:727, CP; Reply (Nölke, Alphonso, & Karl) 2007;83:727-8

Left anterior descending coronary artery

Angiographic fate of collateral vessels after surgical revascularization of the totally occluded left anterior descending artery (Takami & Masumoto) 2007;83:120-5*

Anomalous left anterior descending coronary artery from pulmonary artery with ventricular septal defect (Stephen, Kuruvi, & others) 2007;83:1175-7, CR

Long-term results of the left anterior descending coronary artery reconstruction with left internal thoracic artery (Ogus, Basaran, & others) 2007;83:496-501*

Left anterior descending coronary artery aneurysm

Drug-eluting stent-induced left anterior descending coronary artery aneurysm: repair by pericardial patch—where are we headed? (Luthra, Tatoulis, & Warren) 2007;83:1530-2, CR

Left atrial thrombus

Removal of a left atrial thrombus adherent to a patent foramen ovale occluder (Krieg, Lapp, & others) 2007;83:1539-41, CR

Left hilum

Cardiac luxation to facilitate off-pump bilateral lung transplantation (Visser, Erasmus, & Ebels) 2007;83:329-30, HW

Left internal mammary artery harvesting

Robotic endoscopic left internal mammary artery harvesting: what have we learned after cases? (Oehlinger, Bonaros, & others) 2007;83:1030-4*, IC

Left internal thoracic artery

Long-term results of the left anterior descending coronary artery reconstruction with left internal thoracic artery (Ogus, Basaran, & others) 2007;83:496-501*

Left main coronary artery

Surgical ostioplasty for isolated left main stenosis (Dhareshwar, Zehr, & Schaff) 2007;83:1562-3, HW

Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty (Botman, Post, & others) 2007;83:490-5*; Invited Commentary (Dion) 2007;83:494-5, IC

Left main ostioplasty

Surgical ostioplasty for isolated left main stenosis (Dhareshwar, Zehr, & Schaff) 2007;83:1562-3, HW

Left subclavian artery

Rare presentation of subclavian artery isolation in a neonate with a family history of aortic arch anomalies (Ashrafian, Tsang, & Kostolny) 2007;83:2226-8, CR

Left ventricular aneurysm

Surgery of left ventricular aneurysm: a meta-analysis of early outcomes following different reconstruction techniques (Parolari, Naliato, & others) 2007;83:2009-16*; Invited Commentary (Anderson) 2007;83:2016, IC

Left ventricular assist devices

Arrow CorAide left ventricular assist system: initial experience of the Cardio-Thoracic Surgery Center in Pavia (Gazzoli, Alloni, & others) 2007;83:279-82, NT; Invited Commentary (Large) 2007;83:282, IC

Bridge to transplantation with a left ventricular assist device for systemic ventricular failure after Mustard procedure (George, Birks, & others) 2007;83:306-8, CR

Cardiac resurrection after bone-marrow-derived mononuclear cell transplantation during left ventricular assist device support (Gojo, Kyo, & others) 2007;83:661-2, CR

Clinical outcomes are similar in pulsatile and nonpulsatile left ventricular assist device recipients (Feller, Sorensen, & others) 2007;83:1082-8*

Effect of sildenafil on pulmonary artery pressure, systemic pressure, and nitric oxide utilization in patients with left ventricular assist devices (Klodell, Morey, & others) 2007;83:68-71*; Discussion (Conte, Kodell, & others) 2007;83:71, DI

Left ventricular assist devices (cont'd)

- Medically refractory pulmonary hypertension: treatment with nonpulsatile left ventricular assist devices (Etz, Welp, & others) 2007;83:1697–706*; Invited Commentary (Hendry) 2007;83:1705–6, IC
- Successful use of the Toyobo left ventricular assist device in a 16-kg girl awaiting cardiac transplantation (Masuoka, Katogi, & others) 2007;83:1181–3, CR

Left ventricular diastolic dysfunction

- Left ventricular diastolic dysfunction in chronic aortic dissection (Shingu, Shiiya, & others) 2007;83:1356–60*

Left ventricular dysfunction

- Papillary muscle repositioning in mitral valve replacement in patients with left ventricular dysfunction (Yousefnia, Mandegar, & others) 2007;83:958–63*; Invited Commentary (Glower) 2007;83:963, IC

Left ventricular pacing

- Successful use of transvenous atrial and bifocal left ventricular pacing in Ebstein's anomaly after tricuspid prosthetic valve surgery (Lopez & Leachman) 2007;83:1183–5, CR

Left ventricular pseudoaneurysm

- Surgical treatment of postinfarction left ventricular pseudoaneurysm (Atik, Navia, & others) 2007;83:526–31*

Left ventricular schwannoma

- Successful resection of a primary left ventricular schwannoma (La Francesca, Gregoric, & others) 2007;83:1881–2, CR

Leukocyte(s)

- Leukocyte effects of C5a-receptor blockade during simulated extracorporeal circulation (Rinder, Smith, & others) 2007;83:146–52*; Invited Commentary (Lappégaard) 2007;83:152, IC

Leukocyte filters

- Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Ligation

- Patent ductus arteriosus ligation: the LigaSure system may be unreliable (Zamfir, Vernet, & others) 2007;83:2228–30, CR

Linezolid

- Methicillin-resistant *Staphylococcus aureus* pneumonia after thoracic surgery: successful treatment with linezolid after failed vancomycin therapy (Salerno, Vahid, & Marik) 2007;83:1888–91, CR

Lipid-lowering therapy

- Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993–1001*

Lipoma

- Aortic valve lipoma (Matsushita, Huynh, & others) 2007;83:2220–2, CR
- Lipoma of the diaphragm: a rare presentation (Sen, Discigil, & others) 2007;83:2203–5, CR
- Mitral regurgitation due to a lipoma (Motallebzadeh & Desai) 2007;83:2234, IM

Liver transplantation

- Combined simultaneous heart and liver transplantation with complete cardiopulmonary bypass support (Bernier, Grenon, & others) 2007;83:1544–5, CR

Lobectomy

- Morbidity of lung resection after prior lobectomy: results from the Veterans Affairs National Surgical Quality Improvement Program (Linden, Yeap, & others) 2007;83:425–32*; Discussion (Harpole, Linden, & others) 2007;83:432, DI
- Rare pleural recurrence of typical pulmonary carcinoid tumor 30 years after lobectomy (Townshend, Lakshminarayanan, & others) 2007;83:1523–4, CR
- Thoracoscopic lobectomy facilitates the delivery of chemotherapy after resection for lung cancer (Petersen, Pham, & others) 2007;83:1245–50*; Discussion (Howington, Petersen, & others) 2007;83:1250, DI
- Thoracoscopic lobectomy for impaired or complex patients: an update (Demmy) 2007;83:1578, CP
- Unusual case of hemoptysis 13 years after lobectomy (Paul, Raja, & others) 2007;83:1188–90, CR
- Video-assisted thoracoscopic surgery is more favorable than thoracotomy for resection of clinical stage I non-small cell lung cancer (Whitson, Andrade, & others) 2007;83:1965–70*

Loeys-Dietz syndrome

- Early surgical experience with Loeys-Dietz: a new syndrome of aggressive thoracic aortic aneurysm disease (Williams, Loeys, & others) 2007;83:S757–63*

Lone atrial fibrillation

- Treatment of lone atrial fibrillation with a right thoracoscopic approach (La Meir, Roy, & others) 2007;83:2244–5, HW

Lung(s)

- Bronchial epithelial-myoepithelial carcinoma (Chao, Lin, & others) 2007;83:689–91, CR
- Bronchioloalveolar carcinoma in congenital cystic adenomatoid malformation of lung (West, Nicholson, & others) 2007;83:687–9, CR
- First human transplantation of a nonacceptable donor lung after reconditioning ex vivo (Steen, Ingemansson, & others) 2007;83:2191–5, NT; Invited Commentary (Allan) 2007;83:2194–5, IC
- Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83:153–60*; Invited Commentary (Jessen) 2007;83:160, IC
- Nodular lymphoid hyperplasia of the lung: a very rare disease entity (Sakurai, Hada, & Oyama) 2007;83:2197–9, CR

Lung adenocarcinoma

- ¹¹C-Acetate and ¹⁸F-fluorodeoxyglucose positron emission tomography of pulmonary adenocarcinoma (Kaji, Nomori, & others) 2007;83:312–4, CR

Lung biopsy

- Complications of video-assisted thoracoscopic lung biopsy in patients with interstitial lung disease (Kreider, Hansen-Flaschen, & others) 2007;83:1140–5; Invited Commentary (Miller) 2007;83:1145, IC

Lung cancer

- See also Non-small cell lung cancer*
- Association between surgeon and hospital volume and in-hospital fatalities after lung cancer resections: the experience of an Asian country (Lien, Huang, & Lin) 2007;83:1837–43*
- Has smoking status only a prognostic value in patients with stage I pulmonary adenocarcinomas (Nia & Schil) 2007;83:358, CP
- Lung large cell carcinoma producing granulocyte-colony-stimulating factor (Hasegawa, Suda, & others) 2007;83:308–10, CR
- Prognostic significance of a histologic subtype in small adenocarcinoma of the lung: the impact of nonbronchioloalveolar carcinoma components (Sakao, Miyamoto, & others) 2007;83:209–15*; Invited Commentary (Pelosi & Rosai) 2007;83:214–5, IC

Single-stage surgical treatment of synchronous bilateral multiple lung cancers (Mun & Kohno) 2007;83:1146-51*

Thoracoscopic lobectomy facilitates the delivery of chemotherapy after resection for lung cancer (Petersen, Pham, & others) 2007;83:1245-50*; Discussion (Howington, Petersen, & others) 2007;83:1250, DI

Lung hamartoma

Multiple central endobronchial chondroid hamartoma (Kang, Han, & others) 2007;83:691-3, CR

Transverse bronchoplasty of the membranous wall after resection of an endobronchial hamartoma (Tomos, Karaiskos, & others) 2007;83:703-4, HW

Lung neoplasms

Stereotactic radiosurgery for the treatment of lung neoplasm: initial experience (Pennathur, Luketich, & others) 2007;83:1820-5*; Discussion (Calhoon, Pennathur, & others) 2007;83:1824-5, DI

Lung resection

Morbidity of lung resection after prior lobectomy: results from the Veterans Affairs National Surgical Quality Improvement Program (Linden, Yeap, & others) 2007;83:425-32*; Discussion (Harpole, Linden, & others) 2007;83:432, DI

Predicted versus observed FEV₁ and DLCO after major lung resection: a prospective evaluation at different postoperative periods (Brunelli, Refai, & others) 2007;83:1134-9*; Invited Commentary (Jordan, Polkey, & Goldstraw) 2007;83:1139, IC

Pulmonary complications after lung resection are increased in patients with previous head and neck cancer (Massard, Kochetkova, & Wihlm) 2007;83:2258, CP

Lung transplantation

Bilateral diaphragmatic plication in the setting of bilateral sequential lung transplantation (Shihata & Mullen) 2007;83:1201-3, CR

Cardiac luxation to facilitate off-pump bilateral lung transplantation (Visser, Erasmus, & Ebels) 2007;83:329-30, HW

Feasibility and utility of a lung donor score: correlation with early post-transplant outcomes (Oto, Levvey, & others) 2007;83:257-64*; Invited Commentary (Dark) 2007;83:264, IC

Graft pneumonectomy and delayed contralateral lung transplantation (Antonio, Gámez, & others) 2007;83:1891-3, CR

Lung tumors

Large clear cell tumor of the lung mimicking malignant behavior (Kavunkal, Pandiyan, & others) 2007;83:310-2, CR

Superior vena cava resection for lung and mediastinal malignancies: a single-center experience with 70 cases (Spaggiari, Leo, & others) 2007;83:223-30*; Discussion (Denton, Spaggiari, & Suen) 2007;83:229-30, DI

Lung volume reduction surgery

Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy (Frischia, Zhu, & others) 2007;83:252-6*

Lung volume reduction surgery in patients with emphysema and α -1-antitrypsin deficiency (Stoller, Gildea, & others) 2007;83:241-51*

Lymph nodes

Appraisal of a revised lymph node classification system for esophageal squamous cell cancer (Dhar, Hattori, & others) 2007;83:1265-72*

Ratio of the maximum standardized uptake value on FDG-PET of the mediastinal (N2) lymph nodes to the primary tumor may be a universal predictor of nodal malignancy in patients with nonsmall-cell lung cancer (Cerfolio & Bryant) 2007;83:1826-30*; Discussion (Miller, Cerfolio, & Meyers) 2007;83:1829-30, DI

Lymphoid hyperplasia

Nodular lymphoid hyperplasia of the lung: a very rare disease entity (Sakurai, Hada, & Oyama) 2007;83:2197-9, CR

Lymphoma

Role of surgery in the treatment of primary pulmonary B-cell lymphoma (Eynden, Fadel, & others) 2007;83:236-40*

Magnetic resonance imaging

Papillary muscle infarction: the role of magnetic resonance imaging (García-Fuster, Estornell, & others) 2007;83:1901 Postcardiac surgical cognitive impairment in the aged using diffusion-weighted magnetic resonance imaging (Cook, Huston, & others) 2007;83:1389-95*

Value of magnetic resonance imaging, angiography, and fractional flow reserve to evaluate the left main coronary artery after direct surgical angioplasty (Botman, Post, & others) 2007;83:490-5*; Invited Commentary (Dion) 2007;83:494-5, IC

Malignant pleural mesothelioma

Prolonged survival due to spontaneous regression and surgical excision of malignant mesothelioma (Pilling, Nicholson, & others) 2007;83:314-5, CR

Manubriosternal joint

Septic arthritis of the manubriosternal joint (Peng, McKillop, & others) 2007;83:1190-4, CR

Marfanoid patients

Are Marfan syndrome and marfanoid patients distinguishable on long-term follow-up? (Svensson, Blackstone, & others) 2007;83:1067-74*

Marfan syndrome

Acute type A aortic dissection at 17 weeks of gestation in a Marfan patient (Seeburger, Mohr, & Falk) 2007;83:674-6, CR

Aortic valve-sparing operation in Marfan syndrome: what do we know after a decade? (Kallenbach, Baraki, & others) 2007;83:S764-8*

Are Marfan syndrome and marfanoid patients distinguishable on long-term follow-up? (Svensson, Blackstone, & others) 2007;83:1067-74*

Orthotopic heart transplantation in patients with Marfan syndrome (Knosalla, Weng, & others) 2007;83:1691-6*; Invited Commentary (Jeevanandam) 2007;83:1696, IC

Reimplantation valve-sparing aortic root replacement in Marfan syndrome using the Valsalva conduit: an intercontinental multicenter study (Settepani, Szeto, & others) 2007;83:S769-73*

When should the aortic arch be replaced in Marfan patients? (Bachet, Larrazet, & others) 2007;83:S774-9*

Marrow stromal cells

Therapeutic benefit of intrathecal injection of marrow stromal cells on ischemia-injured spinal cord (Shi, Kazui, & others) 2007;83:1484-90*; Invited Commentary (Juvonen & Lehenkari) 2007;83:1490, IC

Mastectomy

Chest wall reconstruction in full-thickness defect for mastectomy and irradiation (Droghetti, Schiavini, & others) 2007;83:697, IM

Maze III procedure

Health care consumption due to atrial fibrillation is markedly reduced by Maze III surgery (Wierup, Lidén, & others) 2007;83:1713–6*

Mechanical circulatory support

Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support (Dra-
kos, Kfoury, & others) 2007;83:62–7*

Mechanical heart valves

See also Prosthetic heart valves

Early detection of mechanical valve dysfunction using a new home monitoring device (Fritzsche, Eitz, & others) 2007;
83:542–8*

Multicentered European study on safety and effectiveness of the On-X prosthetic heart valve: immediate follow-up (Palatianos, Laczkovics, & others) 2007;83:40–6*

Self-management of oral anticoagulation therapy improves long-term survival in patients with mechanical heart valve replacement (Koertke, Zittermann, & others) 2007;83:24–9*

Median sternotomy

New transverse plate fixation system for complicated sternal wound infection after median sternotomy (Plass, Grünenfelder, & others) 2007;83:1210–2, HW

Mediastinal germ cell tumors

Mediastinal germ cell tumors (Kesler & Einhorn) 2007;83:1915,
KR

Mediastinal lymph nodes

Ratio of the maximum standardized uptake value on FDG-PET of the mediastinal (N2) lymph nodes to the primary tumor may be a universal predictor of nodal malignancy in patients with nonsmall-cell lung cancer (Cerfolio & Bryant) 2007;83:1826–30*; Discussion (Miller, Cerfolio, & Meyers) 2007;83:1829–30, DI

Mediastinal penetrating trauma

Triage and outcome of patients with mediastinal penetrating trauma (Burack, Kandil, & others) 2007;83:377–82*; Invited Commentary (Mattox) 2007;83:382, IC

Mediastinal tumors

Superior vena cava resection for lung and mediastinal malignancies: a single-center experience with 70 cases (Spaggiari, Leo, & others) 2007;83:223–30*; Discussion (Donington, Spaggiari, & Suen) 2007;83:229–30, DI

Mediastinitis

Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy (Gorlitzer, Grabenwoeger, & others) 2007;83:393–6*; Invited Commentary (Lanuti) 2007;83:396, IC

Successful steroid treatment of fibrosing mediastinitis and sclerosing cervicitis (Ikeda, Nomori, & others) 2007;83:
1199–1201, CR

Mediastinoscope

Video-mediastinoscope: for extracting upper esophageal foreign bodies (Tekinbas & Erol) 2007;83:2239–40, HW

Mediastinoscopy

Recurrent laryngeal nerve monitoring during mediastinoscopy: predictors of injury (Roberts & Wadsworth) 2007;83:388–92*; Discussion (Decamp, Roberts, & others) 2007;83:391–2, DI

Mediastinum

Functional paraganglioma of the middle mediastinum (Paul, Jain, & others) 2007;83:e14–16, CR

Medtronic Hancock II

Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison (Borger, Nette, & others) 2007;83:2054–9*; Invited Commentary (Pepper) 2007;83:2058–9, IC

Melorheostosis

Surgical resection of melorheostosis in the ribs (Chanda & Millner) 2007;83:1518–9, CR

Melphalan

Re-evaluation of toxicity and long-term follow-up of isolated lung perfusion with melphalan in patients with resectable pulmonary metastases: a phase I and extension trial (Grootenhuis, Schramel, & others) 2007;83:1235–6, CP

Mesenteric ischemia

Temporary perfusion for mesenteric ischemia with acute type A aortic dissection (Okada, Okimoto, & others) 2007;83:
293–4, CR

Metastases

Oligometastatic non-small cell lung cancer: a multidisciplinary approach in the positron emission tomographic scan era (De Pas, Braud, & others) 2007;83:231–5*; Invited Commentary (Pfannschmidt) 2007;83:234–5, IC

Prolonged survival in a patient with recurrent pulmonary metastases secondary to mucinous cytadenocarcinoma of the appendix with pseudomyxomatous peritonei (Khan, Tambiah, & others) 2007;83:1893–4, CR

Re-evaluation of toxicity and long-term follow-up of isolated lung perfusion with melphalan in patients with resectable pulmonary metastases: a phase I and extension trial (Grootenhuis, Schramel, & others) 2007;83:1235–6, CP

Methicillin-resistant *Staphylococcus aureus* pneumonia

Methicillin-resistant *Staphylococcus aureus* pneumonia after thoracic surgery: successful treatment with linezolid after failed vancomycin therapy (Salerno, Vahid, & Marik) 2007;83:1888–91, CR

Metoprolol

Sodium-hydrogen exchange inhibition and β-blockade additively decrease infarct size (Wang, Zaragoza, & Holman) 2007;83:1121–8*; Invited Commentary (Anderson) 2007;83:
1128, IC

Microthoracoscopic sympathectomy

Outpatient microthoracoscopic sympathectomy for palmar hyperhidrosis (Miller & Force) 2007;83:1850–3*; Discussion (Cerfolio & Miller) 2007;83:1853, DI

Miniaturized extracorporeal bypass

Intraoperative veno-arterial hemofiltration during miniaturized extracorporeal bypass (Capuano, Bianchini, & others) 2007;83:2215–6, CR

Mini-cardiopulmonary bypass system

Attenuated renal and intestinal injury after use of a mini-cardiopulmonary bypass system (Huybrechts, Morariu, & others) 2007;83:1760–7*; Invited Commentary (Jessen) 2007;83:1766–7, IC

Minimally invasive closed circuit extracorporeal circulation

Minimally invasive closed circuit versus standard extracorporeal circulation for aortic valve replacement (Castiglioni, Verzini, & others) 2007;83:586–91*

Minimally invasive direct coronary artery bypass

Seven-year follow-up after minimally invasive direct coronary artery bypass: experience with more than 1300 patients (Holzhey, Jacobs, & others) 2007;83:108–14*

Minimally invasive repair of pectus excavatum

Self and parental assessment after minimally invasive repair of pectus excavatum: lasting satisfaction after bar removal (Metzelder, Kuebler, & others) 2007;83:1844–9*; Invited Commentary (Goldstraw & Krasopoulos) 2007;83:1849, DI

Minimally invasive surgery

Minimally invasive management of Boerhaave's syndrome (Ashrafi, Awais, & Alvelo-Rivera) 2007;83:317–9, CR

Mitochondrial oxygen consumption

Age- and gender-related differences in mitochondrial oxygen consumption and calcium with cardioplegia and diazoxide (McCully, Rousou, & others) 2007;83:1102-9*; Invited Commentary (Chambers) 2007;83:1109, IC

Mitral-aortic intervalvular fibrosa

Delayed pseudoaneurysm of the mitral-aortic intervalvular fibrosa (Economopoulos) 2007;83:2233, IM

Mitral hooks

Mitral hooks: visualization of mitral valve made easy (Kale & Kole) 2007;83:324-5, HW

Mitral regurgitation

Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation (Nguyen, Cheng, & others) 2007;83:47-54*

Edge-to-edge mitral repair without annuloplasty in combination with surgical ventricular restoration (Sartipy, Albåge, & others) 2007;83:1303-9*

Edge-to-edge technique for residual mitral valve regurgitation (Muthialu) 2007;83:724, CP; Reply (Brinster & Cohn) 2007;83:724-5

Effect of aortic valve replacement for aortic stenosis on severity of mitral regurgitation (Eynden, Bouchard, & others) 2007;83:1279-84*

Endoscopic correction of the adult form of scimitar syndrome and mitral regurgitation: anatomic and technical considerations (Lev-Ran, Casselman, & others) 2007;83:2205-7, CR

Mechanisms of chronic ischemic mitral regurgitation (Radernecker & Lancellotti) 2007;83:1919-20, CP; Reply (Borger & David) 2007;83:1920-1

Mitral regurgitation due to a lipoma (Motallebzadeh & Desai) 2007;83:2234, IM

Mitral systolic anterior motion

Cardiac resynchronization therapy for mitral systolic anterior motion in a child (Truin, Backx, & others) 2007;83:1873-4, CR

Mitral valve

Delayed pseudoaneurysm of the mitral-aortic intervalvular fibrosa (Economopoulos) 2007;83:2233, IM

Mitral hooks: visualization of mitral valve made easy (Kale & Kole) 2007;83:324-5, HW

Simplified approach to degenerative disease: triangular resections of the mitral valve (Gazoni, Fedoruk, & others) 2007;83:1658-65*; Discussion (Mack, Gazoni, & others) 2007;83:1664-5, DI

Mitral valve insufficiency

Anterior mitral leaflet augmentation with autologous pericardium (Aubert, Flecher, & others) 2007;83:1560-1, HW

Neonatal mitral and tricuspid valve repair for in utero papillary muscle rupture (Anagnostopoulos, Alphonso, & others) 2007;83:1458-62*

Mitral valve prolapse

Detection of unsuspected mitral valve prolapse using 64 multi-slice computed tomography (Wheatley, Opie, & others) 2007;83:1555, IM

Mitral valve repair

Edge-to-edge mitral valve repair: a "safe and useful" technique? (Aklog & deGuzman) 2007;83:2261-2, CP

"Hybrid flip-over" technique for anterior leaflet prolapse repair (Mesana, Ibrahim, & others) 2007;83:322-3, HW

Mitral valve repair and replacement in endocarditis: a systematic review of literature (Feringa, Shaw, & others) 2007;83:564-71*; Invited Commentary (Zehr) 2007;83:570-1, IC

Mitral valve repair versus replacement in simultaneous mitral and aortic valve surgery for rheumatic disease (Kuwaki, Kawaharada, & others) 2007;83:558-63*

Simple, safe and easy technique to ensure the correct length of artificial chordae in mitral valve repair (Fattouch, Bianco, & others) 2007;83:1902-3, HW

Mitral valve replacement

Mitral valve repair and replacement in endocarditis: a systematic review of literature (Feringa, Shaw, & others) 2007;83:564-71*; Invited Commentary (Zehr) 2007;83:570-1, IC

Mitral valve repair versus replacement in simultaneous mitral and aortic valve surgery for rheumatic disease (Kuwaki, Kawaharada, & others) 2007;83:558-63*

Papillary muscle repositioning in mitral valve replacement in patients with left ventricular dysfunction (Yousefnia, Mandegar, & others) 2007;83:958-63*; Invited Commentary (Glower) 2007;83:963, IC

Mitral valve surgery

Superior transseptal approach to mitral valve is associated with a higher need for pacemaker implantation than the left atrial approach (Lukac, Hjortdal, & others) 2007;83:77-82*

Unusual complication of heparin-induced thrombocytopenia after mitral valve surgery: spontaneous rupture of spleen (Mitchell, Riley, & Vahid) 2007;83:1172-4, CR

Morbidity

Adults undergoing cardiac surgery at a children's hospital: an analysis of perioperative morbidity (Rossano, Smith, & others) 2007;83:606-12*

Morbidity of lung resection after prior lobectomy: results from the Veterans Affairs National Surgical Quality Improvement Program (Linden, Yeap, & others) 2007;83:425-32*; Discussion (Harpole, Linden, & others) 2007;83:432, DI

Mortality

Aortic valve replacement in octogenarians: risk factors for early and late mortality (Melby, Zierer, & others) 2007;83:1651-7*; Discussion (Fullerton, Melby, & Moon) 2007;83:1656-7, DI

Association between surgeon and hospital volume and in-hospital fatalities after lung cancer resections: the experience of an Asian country (Lien, Huang, & Lin) 2007;83:1837-43*

Can the EuroSCORE predict the early and mid-term mortality after off-pump coronary artery bypass grafting? (Youn, Kwak, & Yoo) 2007;83:2111-7*

Causes of death after congenital heart surgery (Ma, Gauvreau, & others) 2007;83:1438-45*

Effect of prior valve type on mortality in reoperative valve surgery (Tang, Maganti, & others) 2007;83:938-45*

Predicting operative mortality after surgery for ischemic cardiomyopathy (Fedoruk, Tribble, & others) 2007;83:2029-35*; Discussion (Conte, Fedoruk, & Azar) 2007;83:2035, DI

Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease (Goland, Czer, & others) 2007;83:931-7*

Risk index for predicting in-hospital mortality for cardiac valve surgery (Hannan, Wu, & others) 2007;83:921-30*; Invited Commentary (Edwards) 2007;83:930, IC

Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score (Rampoldi, Trimarchi, & others) 2007;83:55-61*

Mosaic bioprostheses

Hemodynamic performance of the Medtronic Mosaic porcine bioprostheses up to ten years (Riess, Bader, & others) 2007;83:1310–8*

Motor evoked potentials

Assessment of spinal cord circulation and function in endovascular treatment of thoracic aortic aneurysms (Schurink, Nijenhuis, & others) 2007;83:S877–81*

Usefulness of transcranial motor evoked potentials during thoracoabdominal aortic surgery (Kawanishi, Munakata, & others) 2007;83:456–61*

Mucinous cytadenocarcinoma

Prolonged survival in a patient with recurrent pulmonary metastases secondary to mucinous cytadenocarcinoma of the appendix with pseudomyxomatous peritonei (Khan, Tambiah, & others) 2007;83:1893–4, CR

Mucosa

Long-segment tracheal stenosis treated with vascularized mucosa and short-term stenting (Stamenkovic, Hierner, & others) 2007;83:1213–5, HW

Multidetector computed tomography

Bypass graft and native postanastomotic coronary artery patency: assessment with computed tomography (Andreini, Pontone, & others) 2007;83:1672–8*

Multi-detector computed tomography in coronary artery bypass graft assessment: a meta-analysis (Jones, Athanasiou, & others) 2007;83:341–8, CV

Multislice computed tomography

See also Computed tomography

Detection of unsuspected mitral valve prolapse using 64 multi-slice computed tomography (Wheatley, Opie, & others) 2007;83:1555, IM

Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography (Schachner, Feuchtner, & others) 2007;83:1361–7*

Mustard procedure

Bridge to transplantation with a left ventricular assist device for systemic ventricular failure after Mustard procedure (George, Birks, & others) 2007;83:306–8, CR

Valve-sparing operation for aortic root aneurysm late after Mustard procedure (Ono, Goerler, & others) 2007;83:2224–6, CR

Mycotic aneurysms

Bacteremia causes mycotic aneurysm of the aortic arch in 110 days (Iida, Sudo, & Ukita) 2007;83:1874–6, CR

Myocardial infarction

Cardiac paraganglioma presenting with acute myocardial infarction and stroke (Hayek, Hughes, & others) 2007;83:1882–4, CR

Impact of lateral wall myocardial infarction on outcomes after surgical ventricular restoration (Patel, Williams, & others) 2007;83:2017–28*; Discussion (Song, Nwakanma, & others) 2007;83:2027–8, DI

Myocardial infarction secondary to a coronary ostial thrombus in antiphospholipid syndrome (Romeh, Chhatriwala, & others) 2007;83:1170–1, CR

Surgical treatment of postinfarction left ventricular pseudoaneurysm (Atik, Navia, & others) 2007;83:526–31*

Therapeutic potential of human umbilical cord derived stem cells in a rat myocardial infarction model (Wu, Zhou, & others) 2007;83:1491–500*; Invited Commentary (Tang & Phillips) 2007;83:1499–500, IC

Myocardial oxygenation

Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? (Wang, Liu, & others) 2007;83:1751–9*; Invited Commentary (Selzman) 2007;83:1758–9, IC

Myocardial revascularization

Attenuated renal and intestinal injury after use of a mini-cardiopulmonary bypass system (Huybrechts, Morariu, & others) 2007;83:1760–7*; Invited Commentary (Jessen) 2007;83:1766–7, IC

Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization (Onorati, Cristodoro, & others) 2007;83:1016–23*

Myocardial shear strain

Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation (Nguyen, Cheng, & others) 2007;83:47–54*

Myocardium

Radial artery graft treatment with phenoxybenzamine is clinically safe and may reduce perioperative myocardial injury (Kulik, Rubens, & others) 2007;83:502–9*; Invited Commentary (Holman) 2007;83:509, IC

Myotomy

Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to Heller myotomy (Genio, Genio, & others) 2007;83:2235–8, HW

National Surgical Quality Improvement Program

Morbidity of lung resection after prior lobectomy: results from the Veterans Affairs National Surgical Quality Improvement Program (Linden, Yeap, & others) 2007;83:425–32*; Discussion (Harpole, Linden, & others) 2007;83:432, DI

Native aortic root

Valve-sparing reconstruction within the native aortic root: integrating the Yacoub and the David methods (Kollar) 2007;83:2241–3, HW

Necrotizing mediastinitis

Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy (Gorlitzer, Grabenwoeger, & others) 2007;83:393–6*; Invited Commentary (Lanuti) 2007;83:396, IC

Neomedia

Midterm results of aortic repair using a fabric neomedia and fibrin glue for type A acute aortic dissection (Nakjima, Kawazoe, & others) 2007;83:1615–20*

Neonatal cyanosis

Ruptured tricuspid valve papillary muscle: a treatable cause of neonatal cyanosis (Sachdeva, Fiser, & others) 2007;83:680–2, CR

Neonate

See also Children; Infants

Complement factor 1 inhibitor improves cardiopulmonary function in neonatal cardiopulmonary bypass (Baig, Nasar, & others) 2007;83:1477–83*; Discussion (Pigula, Jaggers, & Calderone) 2007;83:1483, DI

Evaluation of the coagulation system in children with two-ventricle congenital heart disease (Odegard, Zurkowski, & others) 2007;83:1797–804*; Invited Commentary (Guay) 2007;83:1803–4, IC

Geometric disproportion of cardiac structure and graft ischemia affect tricuspid valve regurgitation early after neonatal heart transplantation (Asano, Razzouk, & others) 2007;83:1774–80*

Long-term follow-up after pacemaker implantation in neonates and infants (Aellig, Balmer, & others) 2007;83:1420–4*; Invited Commentary (Heinemann) 2007;83:1423–4, IC

Neonatal mitral and tricuspid valve repair for in utero papillary muscle rupture (Anagnostopoulos, Alphonso, & others) 2007;83:1458–62*

Persistent pulmonary hypertension of the newborn with transposition of the great arteries (Roofthooft, Bergman, & others) 2007;83:1446–50*

Rare presentation of subclavian artery isolation in a neonate with a family history of aortic arch anomalies (Ashrafi, Tsang, & Kostolny) 2007;83:2226–8, CR

Surgery for transposition of the great arteries in neonates weighing less than 2,500 grams: a consecutive series of 25 patients (Roussin, Belli, & others) 2007;83:173–8*; Discussion (Fraser, Roussin, & others) 2007;83:177–8, DI

Use of a miniaturized circuit and bloodless prime to avoid cerebral no-reflow after neonatal cardiopulmonary bypass (Hickey, Karamlou, & others) 2007;83:895–901*

Neurobehavioral performance

Why serial assessments of cardiac surgery patients' neurobehavioral performances are misleading (Keith, Cohen, & Lecci) 2007;83:370–3, ED

Neurocognitive function

Neurocognitive function and cerebral emboli: randomized study of on-pump versus off-pump coronary artery bypass surgery (Motallebzadeh, Bland, & others) 2007;83:475–82*

Neurologic deficits

Risk factors of neurologic deficit after thoracic aortic endografting (Khoynezhad, Donayre, & others) 2007;83:S822–9*

Neuropeptides

Do cardiac neuropeptides play a role in the occurrence of atrial fibrillation after coronary bypass surgery? (Guler, Ozkara, & others) 2007;83:532–7*

Neutrophil

Simvastatin increases neutrophil apoptosis and reduces inflammatory reaction after coronary surgery (Chello, Anselmi, & others) 2007;83:1374–80*

Neutrophil elastase

Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83:153–60*; Invited Commentary (Jessen) 2007;83:160, IC

Nitric oxide

Effect of sildenafil on pulmonary artery pressure, systemic pressure, and nitric oxide utilization in patients with left ventricular assist devices (Klodell, Morey, & others) 2007;83:68–71*; Discussion (Conte, Kodell, & others) 2007;83:71, DI

Nodular lymphoid hyperplasia

Nodular lymphoid hyperplasia of the lung: a very rare disease entity (Sakurai, Hada, & Oyama) 2007;83:2197–9, CR

Non-small cell lung cancer

See also Lung cancer

Clinical relevance of intraoperative pleural lavage cytology in non-small cell lung cancer (Nakagawa, Okumura, & others) 2007;83:204–8*

Clinical value of serum cytokeratin 19 fragment and sialyl-Lewis x in non-small lung cancer (Mizuguchi, Nishiyama, & others) 2007;83:216–22*; Invited Commentary (D'Amico) 2007;83:221–2, IC

Flexible videopericardioscopy in cT4 nonsmall-cell lung cancer with radiologic evidence of proximal vascular invasion (Pompeo, Tacconi, & Mineo) 2007;83:402–8*

Oligometastatic non-small cell lung cancer: a multidisciplinary approach in the positron emission tomographic scan era (De Pas, Braud, & others) 2007;83:231–5*; Invited Commentary (Pfannschmidt) 2007;83:234–5, IC

Preoperative serum carcinoembryonic antigen level is a prognostic factor in women with early non-small-cell lung cancer (Hsu, Huang, & others) 2007;83:419–24*; Invited Commentary (Putnam) 2007;83:424, IC

Ratio of the maximum standardized uptake value on FDG-PET of the mediastinal (N2) lymph nodes to the primary tumor may be a universal predictor of nodal malignancy in patients with nonsmall-cell lung cancer (Cerfolio & Bryant) 2007;83:1826–30*; Discussion (Miller, Cerfolio, & Meyers) 2007;83:1829–30, DI

Recurrence patterns in patients with early stage non-small cell lung cancers undergoing positive pleural lavage cytology (Satoh, Hoshi, & others) 2007;83:197–203*; Invited Commentary (Lim) 2007;83:202–3, IC

Stereotactic radiosurgery for the treatment of lung neoplasm: initial experience (Pennathur, Luketich, & others) 2007;83:1820–5*; Discussion (Calhoon, Pennathur, & others) 2007;83:1824–5, DI

Surgical resection for multifocal (T4) non-small cell lung cancer: is the T4 designation valid? (Port, Korst, & others) 2007;83:397–401*; Invited Commentary (Deslauriers) 2007;83:400–1, IC

Surgical techniques and results for partial or circumferential sleeve resection of the pulmonary artery for patients with non-small cell lung cancer (Cerfolio & Bryant) 2007;83:1971–7*; Discussion (Shen, Cerfolio, & Landreneau) 2007;83:1976–7, DI

Survival after recurrent nonsmall-cell lung cancer after pulmonary resection (Sugimura, Nichols, & others) 2007;83:409–18*; Discussion (Anderson, Sugimura, & others) 2007;83:417–8, DI

Video-assisted thoracoscopic surgery is more favorable than thoracotomy for resection of clinical stage I non-small cell lung cancer (Whitson, Andrade, & others) 2007;83:1965–70*

Normothermic normokalemic simultaneous antegrade/retrograde perfusion

Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? (Wang, Liu, & others) 2007;83:1751–9*; Invited Commentary (Selzman) 2007;83:1758–9, IC

Octogenarians

Aortic valve replacement in octogenarians: risk factors for early and late mortality (Melby, Zierer, & others) 2007;83:1651–7*; Discussion (Fullerton, Melby, & Moon) 2007;83:1656–7, DI

Discharge to home rates are significantly lower for octogenarians undergoing coronary artery bypass graft surgery (Bardakci, Cheema, & others) 2007;83:483–9*

Odds

What are the odds? (Grunkemeier & Wu) 2007;83:1240–4, SP

Off-pump coronary artery bypass grafting

See also Coronary artery bypass grafting

Can the EuroSCORE predict the early and mid-term mortality after off-pump coronary artery bypass grafting? (Youn, Kwak, & Yoo) 2007;83:2111–7*

Off-pump coronary artery bypass grafting (cont'd)

- Cell salvage alters the systemic inflammatory response after off-pump coronary artery bypass grafting surgery (Allen, McBride, & others) 2007;83:578–85*
- Coronary artery revascularization (CARE) registry: an observational study of on-pump and off-pump coronary artery revascularization (Palmer, Herbert, & others) 2007;83:989–92***; Discussion (Kron, Palmer, & others) 2007;83:991–2, DI
- Early and midterm results of off-pump coronary artery bypass grafting (Fukui, Takanashi, & others) 2007;83:115–9*
- Intraoperative transesophageal echocardiography modifies strategy in off-pump coronary artery bypass grafting (Gurbuz, Hecht, & Arslan) 2007;83:1035–40*
- Neurocognitive function and cerebral emboli: randomized study of on-pump versus off-pump coronary artery bypass surgery (Motallebzadeh, Bland, & others) 2007;83:475–82*
- Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP
- Predictors of early postoperative cerebral infarction after isolated off-pump coronary artery bypass grafting (Kotoh, Fukahara, & others) 2007;83:1679–83*

Off-pump lung transplantation

- Cardiac luxation to facilitate off-pump bilateral lung transplantation (Visser, Erasmus, & Ebels) 2007;83:329–30, HW

Omentum

- Use of pedicled omentum and endostaplers in esophagogastric anastomosis (Karaoglanoglu, Turyilmaz, & Eroglu) 2007;83:2259–60, CP

On-pump coronary artery bypass grafting

- See also* Coronary artery bypass grafting
- Coronary artery revascularization (CARE) registry: an observational study of on-pump and off-pump coronary artery revascularization (Palmer, Herbert, & others) 2007;83:989–92*; Discussion (Kron, Palmer, & others) 2007;83:991–2, DI
- Neurocognitive function and cerebral emboli: randomized study of on-pump versus off-pump coronary artery bypass surgery (Motallebzadeh, Bland, & others) 2007;83:475–82*
- On-pump beating-heart coronary artery bypass: a propensity matched analysis (Mizutani, Matsurra, & others) 2007;83:1368–73*

On-X prosthetic heart valve

- Multicentered European study on safety and effectiveness of the On-X prosthetic heart valve: immediate follow-up (Palatianos, Laczkovics, & others) 2007;83:40–6*

Operating room

- Application of the human factors analysis and classification system methodology to the cardiovascular surgery operating room (ElBardissi, Wiegmann, & others) 2007;83:1412–9*; Discussion (Uhlig, Wiegmann, & Gay) 2007;83:1418–9, DI

Oral lichen planus

- Oral erosive lichen planus regression after thymoma resection (Bobbio, Vescovi, & others) 2007;83:1197–9, CR

Oropharyngeal stricture

- Another option for severe oropharyngeal stricture? (Odel) 2007;83:1579; Reply (Hoseok & Young) 2007;83:1579, CP

Orthotopic heart transplantation

- Medically refractory pulmonary hypertension: treatment with nonpulsatile left ventricular assist devices (Etz, Welp, & others) 2007;83:1697–706*; Invited Commentary (Hendry) 2007;83:1705–6, IC
- Orthotopic heart transplantation in patients with Marfan syndrome (Knosalla, Weng, & others) 2007;83:1691–6*; Invited Commentary (Jeevanandam) 2007;83:1696, IC

Ostiplasty

- Surgical ostiplasty for isolated left main stenosis (Dhareshwar, Zehr, & Schaff) 2007;83:1562–3, HW

Outcomes

- Clinical outcomes are similar in pulsatile and nonpulsatile left ventricular assist device recipients (Feller, Sorensen, & others) 2007;83:1082–8*
- Clostridium difficile in cardiac surgery: risk factors and impact on postoperative outcome (Crabtree, Aitchison, & others) 2007;83:1396–402*
- Early and midterm results of off-pump coronary artery bypass grafting (Fukui, Takanashi, & others) 2007;83:115–9*
- Epidemiology and clinical outcomes of infective endocarditis in hemodialysis patients (Kamalakannan, Pai, & others) 2007;83:2081–6*; Invited Commentary (Salerno & Ricci) 2007;83:2086, IC
- Feasibility and utility of a lung donor score: correlation with early post-transplant outcomes (Oto, Levvey, & others) 2007;83:257–64*; Invited Commentary (Dark) 2007;83:264, IC
- Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation (Shemin, Cox, & others) 2007;83:1225–30, RE
- Impact of diabetes on five-year outcomes of patients with multivessel coronary artery disease (Hueb, Gersh, & others) 2007;83:93–9*
- Impact of heparin-induced thrombocytopenia on outcome in patients with ventricular assist device support: single-institution experience in 358 consecutive patients (Koster, Huebler, & others) 2007;83:72–6*
- Impact of lateral wall myocardial infarction on outcomes after surgical ventricular restoration (Patel, Williams, & others) 2007;83:2017–28*; Discussion (Song, Nwakanma, & others) 2007;83:2027–8, DI
- Impact of residency status on perfusion times and outcomes for coronary artery bypass graft surgery (Haan, Milford-Beland, & others) 2007;83:2103–10*
- Multivariate predictors of heart transplantation outcomes in the era of chronic mechanical circulatory support (Drakos, Kfoury, & others) 2007;83:62–7*
- Outcomes after bidirectional Glenn operation: Blalock-Taussig shunt versus right ventricle-to-pulmonary artery conduit (Lai, Laussen, & others) 2007;83:1768–73*
- Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993–1001*
- Positive heparin-platelet factor 4 antibody complex and cardiac surgical outcomes (Kress, Aronson, & others) 2007;83:1737–43*
- Predicting outcome of pulmonary valve replacement in adult tetralogy of Fallot patients (Henkens, Straten, & others) 2007;83:907–11*
- Predictors of early postoperative cerebral infarction after isolated off-pump coronary artery bypass grafting (Kotoh, Fukahara, & others) 2007;83:1679–83*

Seven-year follow-up after minimally invasive direct coronary artery bypass: experience with more than 1300 patients (Holzhey, Jacobs, & others) 2007;83:108–14*

Surgery of left ventricular aneurysm: a meta-analysis of early outcomes following different reconstruction techniques (Parolari, Naliato, & others) 2007;83:2009–16*; Invited Commentary (Anderson) 2007;83:2016, IC

Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer (Motoyama, Kitamura, & others) 2007;83:1273–8*; Invited Commentary (Hoover) 2007;83:1278, IC

Training of cardiac surgeons for Bosnia and Herzegovina: outcomes in coronary bypass grafting surgery (Bergsland, Kabil, & others) 2007;83:462–7*

Oxygenators

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Paced depolarization intervals

Ventricular epicardial lead placement for resynchronization by determination of paced depolarization intervals: technique and rationale (Edgerton, Edgerton, & others) 2007;83:89–92*; Discussion (Van Meter & Edgerton) 2007;83:92, DI

Pacemakers

Critical role of physiologist John A. Johnson in the origins of Minnesota's billion dollar pacemaker industry (Gott) 2007;83:349–53, SH

Extrapleural intrathoracic implantation of permanent pacemaker in the pediatric age group (Agarwal, Krishnan, & others) 2007;83:1549–52, CR

Long-term follow-up after pacemaker implantation in neonates and infants (Aellig, Balmer, & others) 2007;83:1420–4*; Invited Commentary (Heinemann) 2007;83:1423–4, IC

Migration and colon perforation of intraperitoneal cardiac pacemaker systems (Dodge-Khatami, Backer, & others) 2007;83:2230–2, CR

Pacemaker lead extraction (McElvein) 2007;83:1233, CP

Superior transseptal approach to mitral valve is associated with a higher need for pacemaker implantation than the left atrial approach (Lukac, Hjortdal, & others) 2007;83:77–82*

Use of conventional dual chamber pacemakers with custom lead adapters to induce atrial fibrillation or heart failure in dogs (Cingoz, Yanulis, & others) 2007;83:1858–62, NT

Palmar hyperhidrosis

Outpatient microthoracoscopic sympathectomy for palmar hyperhidrosis (Miller & Force) 2007;83:1850–3*; Discussion (Cerfolio & Miller) 2007;83:1853, DI

Papillary muscle infarction

Papillary muscle infarction: the role of magnetic resonance imaging (García-Fuster, Estornell, & others) 2007;83:1901

Papillary muscle repositioning

Papillary muscle repositioning in mitral valve replacement in patients with left ventricular dysfunction (Yousefnia, Mandegar, & others) 2007;83:958–63*; Invited Commentary (Glower) 2007;83:963, IC

Papillary muscle rupture

Neonatal mitral and tricuspid valve repair for in utero papillary muscle rupture (Anagnostopoulos, Alphonso, & others) 2007;83:1458–62*

P1^{A2} polymorphism

Dose-related efficacy of aspirin after coronary surgery in patients with P1^{A2} polymorphism (NCT00262275) (Lim, Carballo, & others) 2007;83:134–9*; Invited Commentary (Lee) 2007;83:138–9, IC

Paraganglioma

Cardiac paraganglioma presenting with acute myocardial infarction and stroke (Hayek, Hughes, & others) 2007;83:1882–4, CR

Functional paraganglioma of the middle mediastinum (Paul, Jain, & others) 2007;83:e14–16, CR

Patency

Intraoperative imaging techniques to assess coronary artery bypass graft patency (Balacumaraswami & Taggart) 2007;83:2251–7, CV

Spontaneous restoration of patency in the free gastroepiploic artery graft: the living transplanted vascular system for coronary revascularization (Eda, Matuura, & others) 2007;83:2219–20, CR

Patent ductus arteriosus

Late embolization of Amplatzer patent ductus arteriosus occlusion device with thoracic aorta embedment (McMullan, Moulick, & Jonas) 2007;83:1177–9, CR

Patent ductus arteriosus ligation: the LigaSure system may be unreliable (Zamfir, Vernet, & others) 2007;83:2228–30, CR

Patent foramen ovale

Removal of a left atrial thrombus adherent to a patent foramen ovale occluder (Krieg, Lapp, & others) 2007;83:1539–41, CR

Payment

At last, inequities in reimbursement modified by real evidence-based data (Grover) 2007;83:9–11, ED

Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred (Smith, Mayer, & others) 2007;83:12–20, RP

Pectus bar

Self and parental assessment after minimally invasive repair of pectus excavatum: lasting satisfaction after bar removal (Metzelder, Kuebler, & others) 2007;83:1844–9*; Invited Commentary (Goldstraw & Krasopoulos) 2007;83:1849, DI

Pectus excavatum

Self and parental assessment after minimally invasive repair of pectus excavatum: lasting satisfaction after bar removal (Metzelder, Kuebler, & others) 2007;83:1844–9*; Invited Commentary (Goldstraw & Krasopoulos) 2007;83:1849, DI

Pediatrics

See Children; Infants; Neonates

Pedicled omentum

Use of pedicled omentum and endostaplers in esophagogastric anastomosis (Karaoglanoglu, Turyilmaz, & Eroglu) 2007;83:2259–60, CP

Penetrating atherosclerotic ulcer

Intramural hematoma and penetrating atherosclerotic ulcer of the aorta (Sundt) 2007;83:S835–41*

Penetrating trauma

Can a falling bullet be lethal at terminal velocity? Cardiac injury caused by a celebratory bullet (Incorvaia, Poulos, & others) 2007;83:283–4, CR

Triage and outcome of patients with mediastinal penetrating trauma (Burack, Kandil, & others) 2007;83:377–82*; Invited Commentary (Mattox) 2007;83:382, IC

Percutaneous coronary interventions

Impact of diabetes on five-year outcomes of patients with multivessel coronary artery disease (Hueb, Gersh, & others) 2007;83:93–9*

Perfluorocarbon emulsion

Are cerebral emboli real when perfluorocarbon emulsion (AF0144) is used in cardiac surgery? (Mattrey) 2007;83:1922–3, CP; Reply (Hill & Grocott) 2007;83:1923

Perfusion

Impact of perfusion strategy on neurologic recovery in acute type A aortic dissection (Zierer, Moon, & others) 2007;83:2122–9*; Discussion (Sundt, Zierer, & Baisden) 2007;83:2128–9, DI

Impact of residency status on perfusion times and outcomes for coronary artery bypass graft surgery (Haan, Milford-Beland, & others) 2007;83:2103–10*

Temporary perfusion for mesenteric ischemia with acute type A aortic dissection (Okada, Okimoto, & others) 2007;83:293–4, CR

Perfusion blood pumps

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Pericardial patch

Drug-eluting stent-induced left anterior descending coronary artery aneurysm: repair by pericardial patch—where are we headed? (Luthra, Tatoulis, & Warren) 2007;83:1530–2, CR

Pericardial patches

Pericardial patch augmentation of both anterior and septal leaflets in Ebstein's anomaly (Ogus, Indelen, & others) 2007;83:676–8, CR

Pericarditis

Localized pericardial constriction resulting in a "dumbbell" heart (Hamdulay, Kumar, & others) 2007;83:2222–4, CR

Tension pneumopericardium caused by pericarditis (Li, Omo, & others) 2007;83:321, IM

Pericardium

Anterior mitral leaflet augmentation with autologous pericardium (Aubert, Flecher, & others) 2007;83:1560–1, HW

Congenital defects of the pericardium (Drury, De Silva, & others) 2007;83:1552–3, CR

Traumatic rupture of the pericardium (Carrick, Pham, & others) 2007;83:1554, IM

Perimount Magna valve

Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison (Borger, Nette, & others) 2007;83:2054–9*; Invited Commentary (Pepper) 2007;83:2058–9, IC

Persistent pulmonary hypertension of the newborn

Persistent pulmonary hypertension of the newborn with transposition of the great arteries (Roofthooft, Bergman, & others) 2007;83:1446–50*

Phenoxybenzamine

Radial artery graft treatment with phenoxybenzamine is clinically safe and may reduce perioperative myocardial injury (Kulik, Rubens, & others) 2007;83:502–9*; Invited Commentary (Holman) 2007;83:509, IC

Pheochromocytoma

Preoperative embolization followed by surgical excision of an intrapericardial pheochromocytoma (Ali, Devbhandari, & others) 2007;83:302–4, CR

Phobia

Amelioration of specific phobias after thoracic sympathetic block in patients with localized hyperhidrosis (Biebl, Fraedrich, & others) 2007;83:1578–9, CP

Phyllodes tumor

Full-thickness chest wall resection for recurrent breast phyllodes tumor (Neto, Terra, & others) 2007;83:2196–7, CR

Plastic bronchitis

Treatment of plastic bronchitis (Nayar, Parmar, & others) 2007;83:1884–6, CR

Platelet factor 4 antibodies

Prevalence of heparin/platelet factor 4 antibodies before and after cardiac surgery (Everett, Yeh, & others) 2007;83:592–7*

Platypnea-orthodeoxia syndrome

Platypnea-orthodeoxia syndrome after pneumonectomy relieved by mediastinal repositioning (Kotoulas, Patris, & others) 2007;83:1524–6, CR

Pleural lavage cytology

Clinical relevance of intraoperative pleural lavage cytology in non-small cell lung cancer (Nakagawa, Okumura, & others) 2007;83:204–8*

Recurrence patterns in patients with early stage non-small cell lung cancers undergoing positive pleural lavage cytology (Satoh, Hoshi, & others) 2007;83:197–203*; Invited Commentary (Lim) 2007;83:202–3, IC

Pleural thymoma

Ectopic pleural thymoma presenting as a giant mass in the thoracic cavity (Yamazaki, Yoshino, & others) 2007;83:315–7, CR

Pleurodeses

Who gains most? A 10-year experience with 611 thorascopic talc pleurodeses (Steger, Toomes, & others) 2007;83:1940–5*

Pneumonectomy

Alternative conservative therapy (Baciewicz) 2007;83:1923, CP; Reply (Mercadante, Curatola, & Carlini) 2007;83:1924

Cardiac function and position more than 5 years after pneumonectomy (Smulders, Holverda, & others) 2007;83:1986–92*; Invited Commentary (Lee) 2007;83:1992, IC

Graft pneumonectomy and delayed contralateral lung transplantation (Antonio, Gámez, & others) 2007;83:1891–3, CR

Platypnea-orthodeoxia syndrome after pneumonectomy relieved by mediastinal repositioning (Kotoulas, Patris, & others) 2007;83:1524–6, CR

Pneumonectomy for bronchogenic carcinoma: analysis of factors predicting survival (Ramnath, Demmy, & others) 2007;83:1831–6

Postpneumonectomy syndrome: a spectrum of clinical presentations (Bédard, Uy, & Keshavjee) 2007;83:1185–8, CR

Pneumonia

Localized organizing pneumonia: report of 21 cases (Melloni, Cremona, & others) 2007;83:1946–51*

Methicillin-resistant *Staphylococcus aureus* pneumonia after thoracic surgery: successful treatment with linezolid after failed vancomycin therapy (Salerno, Vahid, & Marik) 2007;83:1888–91, CR

Polyethylene glycol

Novel method of decellularization of porcine valves using polyethylene glycol and gamma irradiation (Ota, Taketani, & others) 2007;83:1501–7*

Polymorphisms

Dose-related efficacy of aspirin after coronary surgery in patients with P1^{A2} polymorphism (NCT00262275) (Lim, Carballo, & others) 2007;83:134–9*; Invited Commentary (Lee) 2007;83:138–9, IC

Polytetrafluoroethylene graft

Aortocoronary endothelial cell-seeded polytetrafluoroethylene graft: 9-year patency (Gabbieri, Dohmen, & others) 2007;83:1166–8, CR

Porcine models

Hemodynamic performance of the Medtronic Mosaic porcine bioprosthesis up to ten years (Riess, Bader, & others) 2007;83:1310–8*

Novel method of decellularization of porcine valves using polyethylene glycol and gamma irradiation (Ota, Taketani, & others) 2007;83:1501–7*

Positive end-expiratory pressure

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Positron emission tomography

¹¹C-Acetate and ¹⁸F-fluorodeoxyglucose positron emission tomography of pulmonary adenocarcinoma (Kaji, Nomori, & others) 2007;83:312–4, CR

Oligometastatic non-small cell lung cancer: a multidisciplinary approach in the positron emission tomographic scan era (De Pas, Braud, & others) 2007;83:231–5*; Invited Commentary (Pfannschmidt) 2007;83:234–5, IC

Ratio of the maximum standardized uptake value on FDG-PET of the mediastinal (N2) lymph nodes to the primary tumor may be a universal predictor of nodal malignancy in patients with nonsmall-cell lung cancer (Cerfolio & Bryant) 2007;83:1826–30*; Discussion (Miller, Cerfolio, & Meyers) 2007;83:1829–30, DI

Postconditioning

Postconditioning the human heart with adenosine in heart valve replacement surgery (Jin, Zhou, & others) 2007;83:2066–73*; Invited Commentary (Krukenkamp) 2007;83:2073, IC

Posterior mediastinal chondromatous hamartoma

Posterior mediastinal chondromatous hamartoma (Gholoum, Fraser, & Ferri) 2007;83:1528–30, CR

Posterior mediastinum

Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer (Motoyama, Kitamura, & others) 2007;83:1273–8*; Invited Commentary (Hoover) 2007;83:1278, IC

Postoperative period

Is early too early? Effect of shorter stays after bypass surgery (Cowper, DeLong, & others) 2007;83:100–7*; Invited Commentary (Accola) 2007;83:107, IC

Postpneumonectomy syndrome

Postpneumonectomy syndrome: a spectrum of clinical presentations (Bédard, Uy, & Keshavjee) 2007;83:1185–8, CR

Predictive risk algorithm

Atrial fibrillation after coronary artery bypass grafting surgery: development of a predictive risk algorithm (Magee, Herbert, & others) 2007;83:1707–12*; Discussion (Guyton, Magee, & others) 2007;83:1712, DI

Pregnancy

Acute type A aortic dissection at 17 weeks of gestation in a Marfan patient (Seeburger, Mohr, & Falk) 2007;83:674–6, CR

Primary pulmonary lymphoma

Role of surgery in the treatment of primary pulmonary B-cell lymphoma (Eynden, Fadel, & others) 2007;83:236–40*

Probability

Actual and actuarial probabilities of competing risks: apples and lemons (Grunkemeier, Jin, & others) 2007;83:1586–92, SP

Prosthetic heart valves

See also Mechanical heart valves

Aortic valve replacement with 17-mm St. Jude medical prostheses for a small aortic root in elderly patients (Takaseya, Kawara, & others) 2007;83:2050–3*

Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison (Borger, Nette, & others) 2007;83:2054–9*; Invited Commentary (Pepper) 2007;83:2058–9, IC

Late disruption of a Freestyle stentless bioprosthesis used for repair of sinus of Valsalva aneurysm of noncoronary cusp (Takami, Masumoto, & Fyfe-Kirschner) 2007;83:2210–3, CR

Successful use of transvenous atrial and bifocal left ventricular pacing in Ebstein's anomaly after tricuspid prosthetic valve surgery (Lopez & Leachman) 2007;83:1183–5, CR

Protamine

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Proximal arch replacement

Quick proximal arch replacement with moderate hypothermic circulatory arrest (Kamiya, Hagl, & others) 2007;83:1055–8*

Proximal reoperations

Proximal reoperations after repaired acute type A aortic dissection (Estrera, Miller, & others) 2007;83:1603–9*; Discussion (Ikonomidis, Estrera, & Coselli) 2007;83:1608–9, DI

Pseudoaneurysm

Delayed pseudoaneurysm of the mitral-aortic intervalvular fibrosa (Economopoulos) 2007;83:2233, IM

Reoperation for giant false aneurysm of the thoracic aorta: how to reenter the chest? (Bachet, Pirotte, & others) 2007;83:1610–4*

Surgical treatment of postinfarction left ventricular pseudoaneurysm (Atik, Navia, & others) 2007;83:526–31*

Pseudomyxomatous peritonei

Prolonged survival in a patient with recurrent pulmonary metastases secondary to mucinous cytadenocarcinoma of the appendix with pseudomyxomatous peritonei (Khan, Tambiah, & others) 2007;83:1893–4, CR

Pulmonary allografts

Does cryopreservation destroy the extracellular matrix of pulmonary allografts? (Dohmen & Konertz) 2007;83:1921, CP; Reply (Schenke-Layland & Stock) 2007;83:1921–2

Pulmonary arterial revascularization

Pulmonary arterial revascularization for pulmonary coarctation in early infancy (Shinkawa, Yamagishi, & others) 2007;83:188–92*

Pulmonary artery

Anomalous left anterior descending coronary artery from pulmonary artery with ventricular septal defect (Stephen, Kuruvila, & others) 2007;83:1175–7, CR

Ductal origin of the distal pulmonary artery in truncus arteriosus (Carotti, Piacentini, & Marino) 2007;83:2262, CP; Reply (Karamlou) 2007;83:2262–3

Pulmonary artery (cont'd)

Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery (Lange, Vogt, & others) 2007;83:1463-71*; Invited Commentary (Pizarro) 2007;83:1471, IC

Outcomes after bidirectional Glenn operation: Blalock-Taussig shunt versus right ventricle-to-pulmonary artery conduit (Lai, Laussen, & others) 2007;83:1768-73*

Surgical correction of tetralogy of Fallot with unilateral absence of pulmonary artery (Bockeria, Podzolkov, & others) 2007;83:613-8*

Pulmonary artery fistula

Surgical treatment of bilateral aneurysmal coronary to pulmonary artery fistulas associated with severe atherosclerosis (Said, Voigt, & others) 2007;83:291-3, CR

Pulmonary artery pressure

Effect of sildenafil on pulmonary artery pressure, systemic pressure, and nitric oxide utilization in patients with left ventricular assist devices (Klodell, Morey, & others) 2007;83:68-71*; Discussion (Conte, Kodell, & others) 2007;83:71, DI

Pulmonary artery resection

Surgical techniques and results for partial or circumferential sleeve resection of the pulmonary artery for patients with non-small cell lung cancer (Cerfolio & Bryant) 2007;83:1971-7*; Discussion (Shen, Cerfolio, & Landreneau) 2007;83:1976-7, DI

Pulmonary autograft

Incidence of and risk factors for pulmonary autograft dilation after Ross aortic valve replacement (Brown, Ruzmetov, & others) 2007;83:1781-9*; Discussion (Fraser, Brown, & others) 2007;83:1787-8, DI

Ross procedure: clinical and echocardiographic follow-up in 219 consecutive patients (Chiappini, Absil, & others) 2007;83:1285-9*

Pulmonary circulation

Oral sildenafil ameliorates impaired pulmonary circulation early after bidirectional cavopulmonary shunt (Nemoto, Umehara, & others) 2007;83:e11-13

Pulmonary coarctation

Pulmonary arterial revascularization for pulmonary coarctation in early infancy (Shinkawa, Yamagishi, & others) 2007;83:188-92*

Pulmonary hypertension

Medically refractory pulmonary hypertension: treatment with nonpulsatile left ventricular assist devices (Etz, Welp, & others) 2007;83:1697-706*; Invited Commentary (Hendry) 2007;83:1705-6, IC

Surgery for chronic thromboembolic pulmonary hypertension—inclusive experience from a national referral center (Rubens, Bourke, & others) 2007;83:1075-81*

Unidirectional monovalve homologous aortic patch for repair of ventricular septal defect with pulmonary hypertension (Zhang, Wu, & others) 2007;83:2176-81*; Invited Commentary (Magee) 2007;83:2181, IC

Pulmonary metastases

Prolonged survival in a patient with recurrent pulmonary metastases secondary to mucinous cytadenocarcinoma of the appendix with pseudomyxomatous peritonei (Khan, Tambiah, & others) 2007;83:1893-4, CR

Re-evaluation of toxicity and long-term follow-up of isolated lung perfusion with melphalan in patients with resectable pulmonary metastases: a phase I and extension trial (Grootenboers, Schramel, & others) 2007;83:1235-6, CP

Pulmonary resection

Routine evaluation for aspiration after thoracotomy for pulmonary resection (Keeling, Lewis, & others) 2007;83:193-6*; Invited Commentary (Allen) 2007;83:196, IC

Survival after recurrent nonsmall-cell lung cancer after pulmonary resection (Sugimura, Nichols, & others) 2007;83:409-18*; Discussion (Anderson, Sugimura, & others) 2007;83:417-8, DI

Pulmonary segmentectomy

Convenient and improved method to distinguish the intersegmental plane in pulmonary segmentectomy using a butterfly needle (Kamiyoshihara, Kakegawa, & Morishita) 2007;83:1913-4, HW

Pulmonary thromboendarterectomy

Surgery for chronic thromboembolic pulmonary hypertension—inclusive experience from a national referral center (Rubens, Bourke, & others) 2007;83:1075-81*

Pulmonary valve

The Lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome (Tissot, Aggoun, & others) 2007;83:727, CP; Reply (Nölke, Alphonso, & Karl) 2007;83:727-8

Pulmonary valve conduits

My view and my experience on extracardiac RV-PA conduit (Marcelletti) 2007;83:726, CP; Reply (Hörer, Eicken, & Schreiber) 2007;83:726-7

Pulmonary valve replacement

Predicting outcome of pulmonary valve replacement in adult tetralogy of Fallot patients (Henkens, Straten, & others) 2007;83:907-11*

Pulmonary vein isolation

Thoracoscopic radiofrequency pulmonary vein isolation and atrial appendage occlusion (Puskas, Lin, & others) 2007;83:1870-2, CR

Video-assisted bilateral epicardial pulmonary vein isolation for the treatment of lone atrial fibrillation (Sagbas, Akpinar, & others) 2007;83:1724-30*

Quadracuspid aortic valve

Surgical pitfalls of the quadracuspid aortic valve (Tutarel, Roentgen, & Westhoff-Bleck) 2007;83:1581; Reply (Pirundini, Lilly, & Rizzo) 2007;83:1581

Quality measurement

Innovative new concept for quality measurement in adult cardiac surgery (Grover) 2007;83:1237-9, ED

Quality measurement in adult cardiac surgery: introduction (Shahian, Grover, & others) 2007;83:S1-2*

Quality measurement in adult cardiac surgery: part 1—conceptual framework and measure selection (Shahian, Edwards, & others) 2007;83:S3-12, RE

Quality measurement in adult cardiac surgery: part 2—statistical considerations in composite measure scoring and provider rating (O'Brien, Shahian, & others) 2007;83:S13-26, RE

Quality of life

Improved health-related quality of life and functional status after surgical ventricular restoration (Sartipy, Albåge, & Lindblom) 2007;83:1381-8*; Invited Commentary (Buckberg) 2007;83:1387-8, IC

Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? (Zacharias, Lerman, & Knowles) 2007;83:2260, CP; Reply (Koch & Blackstone) 2007;83:2260-1

Radial artery

Radial artery graft treatment with phenoxybenzamine is clinically safe and may reduce perioperative myocardial injury (Kulik, Rubens, & others) 2007;83:502-9*; Invited Commentary (Holman) 2007;83:509, IC

Regulation of human internal mammary and radial artery contraction by extracellular and intracellular calcium channels and cyclic adenosine 3', 5' monophosphate (Rabbani, Vijay, & others) 2007;83:510-6*; Invited Commentary (Perrault & Mommerot) 2007;83:515-6, IC

Temperature changes stimulate contraction in the human radial artery and affect response to vasoconstrictors (Oo, Conant, & others) 2007;83:126-33*; Invited Commentary (Perrault & Mommerot) 2007;83:132-3, IC

Radial artery harvesting

Endoscopic radial artery harvesting with a novel vessel sealing system (Bisleri, Bottio, & Muneretto) 2007;83:1580-1, CP

Forearm muscle necrosis after radial artery harvesting for coronary artery bypass surgery (Chattar-Cora) 2007;83:1869-70, CR

Radical nephrectomy

Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731-6*

Rastelli operation

Long-term results after the Rastelli repair for transposition of the great arteries (Hörer, Schreiber, & others) 2007;83:2169-75*

Recombinant activated factor VI

Caution with the use of recombinant activated factor VII in treating postoperative hemorrhage in cardiac surgery (Al-Ruzzeh, Mahmoud, & others) 2007;83:355, CP; Reply (Tatoulis) 2007;83:355-6

Recombinant activated factor VII

Recombinant activated factor VII in cardiac surgery: a systematic review (Warren, Mandal, & others) 2007;83:707-14, CV

Recombinant factor VIIa

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27-86, RP

Reconditioning

First human transplantation of a nonacceptable donor lung after reconditioning ex vivo (Steen, Ingemannsson, & others) 2007;83:2191-5, NT; Invited Commentary (Allan) 2007;83:2194-5, IC

Red blood cells

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27-86, RP

Red cell transfusion

Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? (Zacharias, Lerman, & Knowles) 2007;83:2260, CP; Reply (Koch & Blackstone) 2007;83:2260-1

Reduction ascending aortoplasty

Unsupported reduction ascending aortoplasty: fate of diameter and of Windkessel function (Walker, Bail, & others) 2007;83:1047-54*; Invited Commentary (Sundt) 2007;83:1053-4, IC

Reduction pulmonary arterioplasty

The Lecompte maneuver as an alternative to reduction pulmonary arterioplasty for relief of airway compression in absent pulmonary valve syndrome (Tissot, Aggoun, & others) 2007;83:727, CP; Reply (Nölke, Alphonso, & Karl) 2007;83:727-8

Reimbursement

At last, inequities in reimbursement modified by real evidence-based data (Grover) 2007;83:9-11, ED

Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred (Smith, Mayer, & others) 2007;83:12-20, RP

Reimplantation

Adjustable sinotubular junction for aortic valve reimplantation procedures (Maselli, Guerracino, & others) 2007;83:700-2, HW

Aortic valve preservation in patients with aortic root aneurysm: results of the reimplantation technique (David, Feindel, & others) 2007;83:S732-5*

Coronary reimplantation during Jatene procedure (Ugurlucan, Surmen, & others) 2007;83:356-7, CP; Reply (Kan & Yang) 2007;83:357-8

Remodeling or reimplantation for valve-sparing aortic root surgery? (Erasmi, Sievers, & others) 2007;83:S752-6*

Renal cell carcinoma

Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion (Mazzola, Gregorini, & others) 2007;83:1564-5, HW

Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731-6*

Renal replacement therapy

Definition of coma in postoperative cardiac surgery patients requiring renal replacement therapy (Cunningham) 2007;83:1232; Reply (Leacche & Byrne) 2007;83:1232

Reoperation

Proximal reoperations after repaired acute type A aortic dissection (Estrera, Miller, & others) 2007;83:1603-9*; Discussion (Ikonomidis, Estrera, & Coselli) 2007;83:1608-9, DI

Reoperation for giant false aneurysm of the thoracic aorta: how to reenter the chest? (Bachet, Pirotte, & others) 2007;83:1610-4*

Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease (Goland, Czer, & others) 2007;83:931-7*

Staged reoperation: a novel strategy for high-risk patients (Cohn, Gregoric, & Frazier) 2007;83:1558-9, HW

Reoperative valve surgery

Effect of prior valve type on mortality in reoperative valve surgery (Tang, Maganti, & others) 2007;83:938-45*

Efficacy and safety of aprotinin use for reoperative valvular surgery (Rodrigues, Évora, & others) 2007;83:2060-5*

Resection

See also Surgery

Association between surgeon and hospital volume and in-hospital fatalities after lung cancer resections: the experience of an Asian country (Lien, Huang, & Lin) 2007;83:1837-43*

Cardiac autotransplantation and radical bi-atrial resection for recurrent atrial myxoma (Gammie, Abrishamchian, & Griffith) 2007;83:1545-7, CR

Endoscopic cardiac tumor resection (Deshpande, Casselman, & others) 2007;83:2142-6*

Resection (cont'd)

- Full-thickness chest wall resection for recurrent breast phyllodes tumor (Neto, Terra, & others) 2007;83:2196–7, CR
- Laparoscopic cardioplasty to avoid esophageal resection in patient not responsive to Heller myotomy (Genio, Genio, & others) 2007;83:2235–8, HW
- Morbidity of lung resection after prior lobectomy: results from the Veterans Affairs National Surgical Quality Improvement Program (Linden, Yeap, & others) 2007;83:425–32*; Discussion (Harpole, Linden, & others) 2007;83:432, DI
- Oral erosive lichen planus regression after thymoma resection (Bobbio, Vescovi, & others) 2007;83:1197–9, CR
- Pulmonary complications after lung resection are increased in patients with previous head and neck cancer (Massard, Kochetkova, & Wihlm) 2007;83:2258, CP
- Routine evaluation for aspiration after thoracotomy for pulmonary resection (Keeling, Lewis, & others) 2007;83:193–6*; Invited Commentary (Allen) 2007;83:196, IC
- Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma (Gaussian, Honings, & others) 2007;83:1952–9*
- Successful resection of a primary left ventricular schwannoma (La Francesca, Gregoric, & others) 2007;83:1881–2, CR
- Surgical resection for multifocal (T4) non-small cell lung cancer: is the T4 designation valid? (Port, Korst, & others) 2007;83:397–401*; Invited Commentary (Deslauriers) 2007;83:400–1, IC
- Surgical resection of melorheostosis in the ribs (Chanda & Millner) 2007;83:1518–9, CR
- Surgical techniques and results for partial or circumferential sleeve resection of the pulmonary artery for patients with non-small cell lung cancer (Cerfolio & Bryant) 2007;83:1971–7*; Discussion (Shen, Cerfolio, & Landreneau) 2007;83:1976–7, DI
- Survival after recurrent nonsmall-cell lung cancer after pulmonary resection (Sugimura, Nichols, & others) 2007;83:409–18*; Discussion (Anderson, Sugimura, & others) 2007;83:417–8, DI
- Transverse bronchoplasty of the membranous wall after resection of an endobronchial hamartoma (Tomos, Karaiskos, & others) 2007;83:703–4, HW

Residency programs

- Impact of residency status on perfusion times and outcomes for coronary artery bypass graft surgery (Haan, Milford-Beland, & others) 2007;83:2103–10*

Resource-based relative value scale

- Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred (Smith, Mayer, & others) 2007;83:12–20, RP

Retrieval stent filter

- Retrieval stent filter: treatment of Budd Chiari syndrome complicated with inferior vena cava thrombosis—initial clinical experience (Han, Ding, & others) 2007;83:655–60, NT

Retrograde perfusion

- Does normothermic normokalemic simultaneous antegrade/retrograde perfusion improve myocardial oxygenation and energy metabolism for hypertrophied hearts? (Wang, Liu, & others) 2007;83:1751–9*; Invited Commentary (Selzman) 2007;83:1758–9, IC

Revascularization

- Angiographic fate of collateral vessels after surgical revascularization of the totally occluded left anterior descending artery (Takami & Masumoto) 2007;83:120–5*

Attenuated renal and intestinal injury after use of a mini-cardiopulmonary bypass system (Huybrechts, Morariu, & others) 2007;83:1760–7*; Invited Commentary (Jessen) 2007;83:1766–7, IC

Endothelial cell-seeded bovine internal mammary artery for complete revascularization (Dohmen, Gabbieri, & others) 2007;83:1168–9, CR

Pulmonary arterial revascularization for pulmonary coarctation in early infancy (Shinkawa, Yamagishi, & others) 2007;83:188–92*

Spontaneous restoration of patency in the free gastroepiploic artery graft: the living transplanted vascular system for coronary revascularization (Eda, Matuura, & others) 2007;83:2219–20, CR

Total arterial coronary revascularization using arterial bypass circle with multiple inflows (El Oakley & Al Habib) 2007;83:1911–2, HW

Review of recent books

- Atlas of Mitral Valve Repair* edited by Savage & Bolling (Mihaljevic) 2007;83:1926, RV
- Transcatheter Valve Repair* edited by Hijazi & Bonhoeffer (Mack) 2007;83:1582, RV
- Treatment of Advanced Heart Disease* edited by Baughman & Baumgartner (Lodge) 2007;83:2264, RV

Rheumatic disease

- Mitral valve repair versus replacement in simultaneous mitral and aortic valve surgery for rheumatic disease (Kuwaki, Kawahara, & others) 2007;83:558–63*

Rheumatic valve insufficiency

- Anterior mitral leaflet augmentation with autologous pericardium (Aubert, Flecher, & others) 2007;83:1560–1, HW

Rheumatoid lung disease

- Massive spontaneous hemopneumothorax complicating rheumatoid lung disease (Basoglu, Celik, & Yetim) 2007;83:1521–3, CR

Ribs

- Surgical resection of melorheostosis in the ribs (Chanda & Millner) 2007;83:1518–9, CR

Richard M. Peters, MD

- Richard M. Peters, MD (1922–2006) (Grillo & Benfield) 2007;83:1916–7, SH

Right aortic arch

- Multiple overlapped conical endoprostheses in a patient with aneurysmatic right aortic arch and aortic coarctation (Nassar, Llana, & others) 2007;83:663–4, CR

Right atrium

- Doublet-outlet right atrium: anatomic and clinical considerations (Brancaccio, Amodeo, & others) 2007;83:619–21*

Right coronary artery

- Coronary reimplantation during Jatene procedure (Ugurlucan, Surmen, & others) 2007;83:356–7, CP; Reply (Kan & Yang) 2007;83:357–8
- Right coronary artery with high takeoff (Tarhan, Kehlibar, & others) 2007;83:1867–9, CR

Right subclavian artery

- Use of the aberrant right subclavian artery in complex aortic arch reconstruction (Bacha & Sawaqed) 2007;83:1566–8, HW

Right ventricle

- Predicting outcome of pulmonary valve replacement in adult tetralogy of Fallot patients (Henkens, Straten, & others) 2007;83:907–11*

Right ventricle-to-pulmonary artery shunt

Novel modification of right ventricle to pulmonary artery shunt in palliation of hypoplastic left heart syndrome (Schreiber, Prodan, & others) 2007;83:1230; Reply (Nigro) 2007;83:1231–2

Outcomes after bidirectional Glenn operation: Blalock-Taussig shunt versus right ventricle-to-pulmonary artery conduit (Lai, Laussen, & others) 2007;83:1768–73*

Right ventricular assist device

Bedside right ventricular assist device removal in the conscious patient (Cohn, Gregoric, & others) 2007;83:1556–7, HW

Right ventricular outflow tract

Aneurysmal dilatation of the Contera bovine jugular vein conduit after reconstruction of the right ventricular outflow tract (Delmo-Walter, Alexi-Meskishvili, & others) 2007;83:682–4, CR

My view and my experience on extracardiac RV-PA conduit (Marcelletti) 2007;83:726, CP; Reply (Hörer, Eicken, & Schreiber) 2007;83:726–7

Right ventricular outflow tract reconstruction

Right ventricular outflow tract reconstruction with Contera monocuspid transannular patch in tetralogy of Fallot (Chiappini, Barrea, & Rubay) 2007;83:185–7*

Risk

Actual and actuarial probabilities of competing risks: apples and lemons (Grunkemeier, Jin, & others) 2007;83:1586–92, SP

Risk algorithm

Atrial fibrillation after coronary artery bypass grafting surgery: development of a predictive risk algorithm (Magee, Herbert, & others) 2007;83:1707–12*; Discussion (Guyton, Magee, & others) 2007;83:1712, DI

Risk factors

Aortic valve replacement in octogenarians: risk factors for early and late mortality (Melby, Zierer, & others) 2007;83:1651–7*; Discussion (Fullerton, Melby, & Moon) 2007;83:1656–7, DI

Coronary insufficiency after stentless aortic root replacement: risk factors and solutions (Kincaid, Cordell, & others) 2007;83:964–8*; Discussion (Moon, Kincaid, & others) 2007;83:968, DI

Incidence and risk factors of postoperative vocal cord paralysis in 987 patients after cardiovascular surgery (Itagaki, Kikura, & Sato) 2007;83:2147–52*

Incidence of and risk factors for pulmonary autograft dilation after Ross aortic valve replacement (Brown, Ruzmetov, & others) 2007;83:1781–9*; Discussion (Fraser, Brown, & others) 2007;83:1787–8, DI

Pneumonectomy for bronchogenic carcinoma: analysis of factors predicting survival (Ramnath, Demmy, & others) 2007;83:1831–6

Predictors of early postoperative cerebral infarction after isolated off-pump coronary artery bypass grafting (Kotoh, Fukuhara, & others) 2007;83:1679–83*

Risk factors associated with reoperation and mortality in 252 patients after aortic valve replacement for congenitally bicuspid aortic valve disease (Goland, Czer, & others) 2007;83:931–7*

Risk models

Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score (Rampoldi, Trimarchi, & others) 2007;83:55–61*

Risk stratification

Risk index for predicting in-hospital mortality for cardiac valve surgery (Hannan, Wu, & others) 2007;83:921–30*; Invited Commentary (Edwards) 2007;83:930, IC

Robotic procedures

Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography (Schachner, Feuchtner, & others) 2007;83:1361–7*

Robotic endoscopic left internal mammary artery harvesting: what have we learned after cases? (Oehlinger, Bonaros, & others) 2007;83:1030–4*, IC

Ross procedure

Incidence of and risk factors for pulmonary autograft dilation after Ross aortic valve replacement (Brown, Ruzmetov, & others) 2007;83:1781–9*; Discussion (Fraser, Brown, & others) 2007;83:1787–8, DI

Ross procedure: clinical and echocardiographic follow-up in 219 consecutive patients (Chiappini, Absil, & others) 2007;83:1285–9*

Subcoronary Ross procedure in patients with active endocarditis (Schmidtke, Dahmen, & Sievers) 2007;83:36–9*

Sample size

Power and sample size: how many patients do I need? (Grunkemeier & Jin) 2007;83:1934–9, SP

Saphenous vein grafts

Gastroepiploic artery grafting does not improve the late outcome in patients with bilateral internal thoracic artery grafting (Esaki, Koshiji, & others) 2007;83:1024–9*; Invited Commentary (Tector) 2007;83:1029, IC

64-slice CT angiography of saphenous vein graft anastomoses fashioned with interrupted Nitinol clips (Peterman, Hamman, & Schussler) 2007;83:1204, IM

Sarcoma

Primary sarcoma of the thoracic aorta (Kouchoukos & Masetti) 2007;83:e1, IM

Schwannoma

Successful resection of a primary left ventricular schwannoma (La Francesca, Gregoric, & others) 2007;83:1881–2, CR

Scimitar syndrome

Endoscopic correction of the adult form of scimitar syndrome and mitral regurgitation: anatomic and technical considerations (Lev-Ran, Casselman, & others) 2007;83:2205–7, CR

Sclerosing cervicitis

Successful steroid treatment of fibrosing mediastinitis and sclerosing cervicitis (Ikeda, Nomori, & others) 2007;83:1199–1201, CR

Sealant

Bronchial artery aneurysm treated with aortic stent graft and fibrin sealant (Sanchez, Alados, & others) 2007;83:693–5, CR

Secondary prevention medications

Outcomes associated with the use of secondary prevention medications after coronary artery bypass graft surgery (Goyal, Alexander, & others) 2007;83:993–1001*

Secundum atrial septal defect

Problems in per-operative secundum atrial septal defect device closure: our experience (Dixit, Pradeep, & others) 2007;83:1580, CP

Segmentectomy

Convenient and improved method to distinguish the intersegmental plane in pulmonary segmentectomy using a butterfly needle (Kamiyoshihara, Kakegawa, & Morishita) 2007;83:1913–4, HW

Selective cerebral perfusion

- Aortic arch replacement with a trifurcated graft (Spielvogel, Etz, & others) 2007;83:S791–5*
- Cerebral perfusion (Harrington, Fragomeni, & Bonser) 2007; 83:S799–804*
- Integrated total arch replacement using selective cerebral perfusion (Sasaki, Ogino, & others) 2007;83:S805–10*
- Quick proximal arch replacement with moderate hypothermic circulatory arrest (Kamiya, Hagl, & others) 2007;83: 1055–8*

Septal defects

- See Atrial septal defects; Ventricular septal defects

Septal leaflets

- Pericardial patch augmentation of both anterior and septal leaflets in Ebstein's anomaly (Ogus, Indelen, & others) 2007;83:676–8, CR

Septic arthritis

- Septic arthritis of the manubriosternal joint (Peng, McKillop, & others) 2007;83:1190–4, CR

Shear strain

- Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation (Nguyen, Cheng, & others) 2007;83:47–54*

Shear stress

- Are we using the right fluid mechanics principles? (Eng & Eng) 2007;83:354, CP; Reply (Yoshida, Tobe, & Yamaguchi) 2007;83:354–5

Shock

- Shock induced by spontaneous rupture of a giant thymoma (Santoprete, Ragusa, & others) 2007;83:1526–8, CR

Short esophagus

- Intrathoracic periesophageal fundoplication for short esophagus: a 20-year experience (Volonté, Collard, & others) 2007;83:265–71*

Shunt

- Oral sildenafil ameliorates impaired pulmonary circulation early after bidirectional cavopulmonary shunt (Nemoto, Umehara, & others) 2007;83:e11–13, CR

Outcomes after bidirectional Glenn operation: Blalock-Taussig shunt versus right ventricle-to-pulmonary artery conduit (Lai, Laussen, & others) 2007;83:1768–73*

Spontaneous closure of small residual ventricular septal defects after surgical repair (Dodge-Khatami, Knirsch, & others) 2007;83:902–6*; Invited Commentary (Kanter) 2007;83:906, IC

Sialyl-Lewis x

- Clinical value of serum cytokeratin 19 fragment and sialyl-Lewis x in non-small lung cancer (Mizuguchi, Nishiyama, & others) 2007;83:216–22*; Invited Commentary (D'Amico) 2007;83:221–2, IC

Side-to-side stapled esophagogastric anastomosis

- Propensity-matched analysis of three techniques for intrathoracic esophagogastric anastomosis (Blackmon, Correa, & others) 2007;83:1805–13*; Discussion (Miller & Blackmon) 2007;83:1813, DI

Siewert tumors

- Immunopathological patterns of the stomach in adenocarcinoma of the esophagus, cardia, and gastric antrum: gastric profiles in Siewert type I and II tumors (Mattioli, Ruffato, & others) 2007;83:1814–9*

Silastic drains

- Use of flexible silastic drains in thoracic surgery: a word of caution (Saxena, Kejriwal, & Newman) 2007;83:2258–9, CP; Reply (Ishikura & Kimura) 2007;83:2259

Sildenafil

- Effect of sildenafil on pulmonary artery pressure, systemic pressure, and nitric oxide utilization in patients with left ventricular assist devices (Klodell, Morey, & others) 2007; 83:68–71*; Discussion (Conte, Kodell, & others) 2007;83:71, DI
- Oral sildenafil ameliorates impaired pulmonary circulation early after bidirectional cavopulmonary shunt (Nemoto, Umehara, & others) 2007;83:e11–13, CR

Simple sliding aortoplasty

- Modified simple sliding aortoplasty for supravalvular aortic stenosis (Seo, Shin, & others) 2007;83:2248–50, HW

Simulated extracorporeal circulation

- Leukocyte effects of C5a-receptor blockade during simulated extracorporeal circulation (Rinder, Smith, & others) 2007; 83:146–52*; Invited Commentary (Lappégaard) 2007;83:152, IC

Simvastatin

- Simvastatin increases neutrophil apoptosis and reduces inflammatory reaction after coronary surgery (Chello, Anselmi, & others) 2007;83:1374–80*

Single ventricle

- Cerebral oxygen saturation does not normalize until after stage 2 single ventricle palliation (Fenton, Lessman, & others) 2007;83:1431–7*; Invited Commentary (Delius) 2007;83:1436–7, IC

Sinotubular junction

- Adjustable sinotubular junction for aortic valve reimplantation procedures (Maselli, Guaracino, & others) 2007;83: 700–2, HW

Sinus of Valsalva

- Anomalous coronary artery from the wrong sinus of Valsalva: a physiologic repair strategy (Alphonso, Anagnostopoulos, & others) 2007;83:1472–6*

Sinus of Valsalva aneurysm

- Late disruption of a Freestyle stentless bioprosthesis used for repair of sinus of Valsalva aneurysm of noncoronary cusp (Takami, Masumoto, & Fyfe-Kirschner) 2007;83:2210–3, CR

Sinus tachycardia

- Thoracoscopic microwave epicardial ablation: feasibility for the treatment of idiopathic sinus node tachycardia (Shandling, Rieders, & Bethencourt) 2007;83:300–2, CR

Sivelestat

- Neutrophil elastase inhibitor, sivelestat, attenuates acute lung injury after cardiopulmonary bypass in the rabbit endotoxemia model (Wakayama, Fukuda, & others) 2007;83: 153–60*; Invited Commentary (Jessen) 2007;83:160, IC

Sleeve resection

- Surgical techniques and results for partial or circumferential sleeve resection of the pulmonary artery for patients with non-small cell lung cancer (Cerfolio & Bryant) 2007;83: 1971–7*; Discussion (Shen, Cerfolio, & Landreneau) 2007; 83:1976–7, DI

Smoking

- Has smoking status only a prognostic value in patients with stage I pulmonary adenocarcinomas (Nia & Schil) 2007; 83:358, CP

Society of Cardiovascular Anesthesiologists

- Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83: S27–86, RP

Society of Thoracic Surgeons

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27-86, RP

Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred (Smith, Mayer, & others) 2007;83:12-20, RP

Society of Thoracic Surgeons General Thoracic Surgery Database (Wright & Edwards) 2007;83:893-4, ED

Society of Thoracic Surgeons Practice Guideline Series: antibiotic prophylaxis in cardiac surgery, part II: antibiotic choice (Engelman, Shahian, & others) 2007;83:1569-76, RE

Use of the STS database by insurance companies (Kratz) 2007;83:1918, CP; Reply (Grover) 2007;83:1918-9

Sodium-hydrogen exchange inhibition

Sodium-hydrogen exchange inhibition and β -blockade additively decrease infarct size (Wang, Zaragoza, & Holman) 2007;83:1121-8*; Invited Commentary (Anderson) 2007;83:1128, IC

Southern Thoracic Surgical Association

2006 Meeting of the Southern Thoracic Surgical Association (Cerfolio) 2007;83:1577, RE

Spinal cord

Anatomy of spinal cord blood supply in the pig (Strauch, Lauten, & others) 2007;83:2130-4*

Assessment of spinal cord circulation and function in endovascular treatment of thoracic aortic aneurysms (Schurink, Nijenhuis, & others) 2007;83:S877-81*

Delayed spinal cord deficits after thoracoabdominal aortic aneurysm repair (Wong, Coselli, & others) 2007;83:1345-55*; Discussion (Sundt & Coselli) 2007;83:1355, DI

Spinal cord ischemia

Therapeutic benefit of intrathecal injection of marrow stromal cells on ischemia-injured spinal cord (Shi, Kazui, & others) 2007;83:1484-90*; Invited Commentary (Juvonen & Lehenkari) 2007;83:1490, IC

Spinal cord perfusion

Spinal cord perfusion and protection during descending thoracic and thoracoabdominal aortic surgery: the collateral network concept (Griep & Griep) 2007;83:S865-9*

Splenic rupture

Unusual complication of heparin-induced thrombocytopenia after mitral valve surgery: spontaneous rupture of spleen (Mitchell, Riley, & Vahid) 2007;83:1172-4, CR

Spontaneous coronary dissection

Staged therapeutic approach in spontaneous coronary dissection (Aliyary, Mariani, & others) 2007;83:1879-81, CR

Spontaneous hemopneumothorax

Massive spontaneous hemopneumothorax complicating rheumatoid lung disease (Basoglu, Celik, & Yetim) 2007;83:1521-3, CR

Squamous cell carcinoma

Appraisal of a revised lymph node classification system for esophageal squamous cell cancer (Dhar, Hattori, & others) 2007;83:1265-72*

St. Jude medical prostheses

Aortic valve replacement with 17-mm St. Jude medical prostheses for a small aortic root in elderly patients (Takaseya, Kawara, & others) 2007;83:2050-3*

Staphylococcus aureus

Methicillin-resistant *Staphylococcus aureus* pneumonia after thoracic surgery: successful treatment with linezolid after failed vancomycin therapy (Salerno, Vahid, & Marik) 2007;83:1888-91, CR

Staphylococcus aureus infective endocarditis

Predictors of death and impact of surgery in *Staphylococcus aureus* infective endocarditis (Remadi, Habib, & others) 2007;83:1295-302*

Statistics

Actual and actuarial probabilities of competing risks: apples and lemons (Grunkemeier, Jin, & others) 2007;83:1586-92, SP

Power and sample size: how many patients do I need? (Grunkemeier & Jin) 2007;83:1934-9, SP

Quality measurement in adult cardiac surgery: part 2—statistical considerations in composite measure scoring and provider rating (O'Brien, Shahian, & others) 2007;83:S13-26, RE

Type II statistical error (Weinstein) 2007;83:724, CP

What are the odds? (Grunkemeier & Wu) 2007;83:1240-4, SP

Stem cells

Therapeutic potential of human umbilical cord derived stem cells in a rat myocardial infarction model (Wu, Zhou, & others) 2007;83:1491-500*; Invited Commentary (Tang & Phillips) 2007;83:1499-500, IC

Stenosis

Does stenosis severity of native vessels influence bypass graft patency? A prospective fractional flow reserve-guided study (Botman, Schonberger, & others) 2007;83:2093-7*

Stent(s)

Esophageal stent placement for the treatment of iatrogenic intrathoracic esophageal perforation (Freeman, Van Woerkom, & Ascoti) 2007;83:2003-8*; Discussion (Johnson, Freeman, & others) 2007;83:2007-8, DI

Long-term follow-up of Ultraflex metallic stents in benign and malignant central airway obstruction (Husain, Finch, & others) 2007;83:1251-6*

Stent-Dacron prosthesis

One-stage repair with a new integrated stent-Dacron prosthesis for type B aortic dissection (Panos, Kalakonas, & others) 2007;83:1535-6, CR

Stent filter

Retrieval stent filter: treatment of Budd Chiari syndrome complicated with inferior vena cava thrombosis—initial clinical experience (Han, Ding, & others) 2007;83:655-60, NT

Stent-graft

Bronchial artery aneurysm treated with aortic stent graft and fibrin sealant (Sanchez, Alados, & others) 2007;83:693-5, CR

Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections (Czerny, Zimpfer, & others) 2007;83:1635-40*; Invited Commentary (Mitchell) 2007;83:1640, IC

Hybrid technique for total arch repair: aortic neck reshaping for endovascular-graft fixation (Antona, Vanelli, & others) 2007;83:1158-61, NT

Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta (Czerny, Grimm, & others) 2007;83:450-5*

Treatment of type V endoleaks by endovascular redo stent-graft placement (Zimpfer, Schoder, & others) 2007;83:664-6, CR

Stent-grafting

Stent-grafting of the thoracic aorta by the cardiothoracic surgeon (Zipfel, Hammerschmidt, & others) 2007;83:441–9*; Discussion (Bavaria & Zipfel), DI

Stenting

Long-segment tracheal stenosis treated with vascularized mucosa and short-term stenting (Stamenkovic, Hierner, & others) 2007;83:1213–5, HW

Stereolithographic models

Stereolithographic models for surgical planning in congenital heart surgery (Sodian, Weber, & others) 2007;83:1854–7, NT

Stereotactic radiosurgery

Stereotactic radiosurgery for the treatment of lung neoplasm: initial experience (Pennathur, Luketich, & others) 2007;83:1820–5*; Discussion (Calhoon, Pennathur, & others) 2007;83:1824–5, DI

Sternal cleft

Congenital sternal cleft in an adult male not associated with cardiac defects or ectopia cordis (Pousios, Panagiotopoulos, & Piyis) 2007;83:1900, IM

Sternal closure

New method for sternal closure after vacuum-assisted therapy in deep sternal infections after cardiac surgery (Reiss, Schuett, & others) 2007;83:2246–7, HW

Sternal instability

Measurement of non-physiological movement in sternal instability by ultrasound (El-Ansary, Waddington, & Adams) 2007;83:1513–7, NT; Invited Commentary (Magovern) 2007;83:1516–7, IC

Sternal wound infection

Elastic device facilitating delayed primary closure of sternal wound infection (Price, Rubens, & Bell) 2007;83:1162–5, NT

New transverse plate fixation system for complicated sternal wound infection after median sternotomy (Plass, Grünenfelder, & others) 2007;83:1210–2, HW

Use of both internal thoracic arteries in diabetic patients increases deep sternal wound infection (Savage, Grab, & others) 2007;83:1002–7*; Invited Commentary (Douville) 2007;83:1007, IC

Sternoclavicular joint dislocation

Tracheal stenosis caused by retrosternal dislocation of the right clavicle (Nakayama, Tanaka, & others) 2007;83:685–7, CR

Sternotomy

Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy (Frischia, Zhu, & others) 2007;83:252–6*

Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy (Gorlitzer, Grabenwoeger, & others) 2007;83:393–6*; Invited Commentary (Lanuti) 2007;83:396, IC

Strictures

Another option for severe oropharyngeal stricture? (Odel) 2007;83:1579; Reply (Hoseok & Young) 2007;83:1579, CP

Stroke

Cardiac paraganglioma presenting with acute myocardial infarction and stroke (Hayek, Hughes, & others) 2007;83:1882–4, CR

Topography of aortic atherosclerosis enhances its precision as a predictor of stroke (van der Linden, Bergman, & Hadjinikolaou) 2007;83:2087–92*; Invited Commentary (Bilfinger) 2007;83:2092, IC

Subclavian artery

Rare presentation of subclavian artery isolation in a neonate with a family history of aortic arch anomalies (Ashrafi, Tsang, & Kostolny) 2007;83:2226–8, CR

Use of the aberrant right subclavian artery in complex aortic arch reconstruction (Bacha & Sawaqed) 2007;83:1566–8, HW

Subclavian artery anastomosis

Long-term results of repair of anomalous origin of the left coronary artery from the pulmonary artery (Lange, Vogt, & others) 2007;83:1463–71*; Invited Commentary (Pizarro) 2007;83:1471, IC

Substance P

Do cardiac neuropeptides play a role in the occurrence of atrial fibrillation after coronary bypass surgery? (Guler, Ozkara, & others) 2007;83:532–7*

Superior mesenteric artery perfusion

Temporary perfusion for mesenteric ischemia with acute type A aortic dissection (Okada, Okimoto, & others) 2007;83:293–4, CR

Superior vena cava resection

Superior vena cava resection for lung and mediastinal malignancies: a single-center experience with 70 cases (Spaggiari, Leo, & others) 2007;83:223–30*; Discussion (Dondington, Spaggiari, & Suen) 2007;83:229–30, DI

Supravalvular aortic stenosis

Modified simple sliding aortoplasty for supravalvular aortic stenosis (Seo, Shin, & others) 2007;83:2248–50, HW

Surgeon

Association between surgeon and hospital volume and in-hospital fatalities after lung cancer resections: the experience of an Asian country (Lien, Huang, & Lin) 2007;83:1837–43*

Surgery

See also Cardiac surgery; Esophagectomy; Resection; Thoracic surgery; Video-assisted thoracic surgery

Combined open and endovascular repair of acute type A aortic dissection (Sorokin, Chong, & others) 2007;83:666–8, CR

Congenitally corrected transposition of the great arteries: surgical repair in adulthood (Mitropoulos, Kanakis, & others) 2007;83:672–4, CR

Current strategies in the surgical treatment of atrial fibrillation: review of the literature and Onze Lieve Vrouw Clinic's strategy (Bakir, Casselman, & others) 2007;83:331–40, CV

Edge-to-edge technique for residual mitral valve regurgitation (Muthialu) 2007;83:724, CP; Reply (Brinster & Cohn) 2007;83:724–5

Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation (Shemin, Cox, & others) 2007;83:1225–30, RE

Hybrid therapy for rapid enlargement of hibernating coronary arteriovenous fistulas (Oyamada, Kobayashi, & others) 2007;83:1532–4, CR

Long-term consequences of postoperative heart failure after surgery for aortic stenosis compared with coronary surgery (Vánky, Hákanson, & Svedjeholm) 2007;83:2036–43*

Measurement of technical performance in congenital heart surgery: a pilot study (Larrazaabal, Nido, & others) 2007;83:179–84*

Modified technique for the surgical treatment of severe tricuspid valve deformity in Ebstein's anomaly (Bichell, Mora, & others) 2007;83:678–80, CR

Morbidity of lung resection after prior lobectomy: results from the Veterans Affairs National Surgical Quality Improvement Program (Linden, Yeap, & others) 2007; 83:425–32*; Discussion (Harpole, Linden, & others) 2007;83:432, DI

Open surgical repair of 2286 thoracoabdominal aortic aneurysms (Coselli, Bozinovski, & LeMaire) 2007;83:S862–4*

Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred (Smith, Mayer, & others) 2007; 83:12–20, RP

Predicting operative mortality after surgery for ischemic cardiomyopathy (Fedoruk, Tribble, & others) 2007;83:2029–35*; Discussion (Conte, Fedoruk, & Azar) 2007;83:2035, DI

Predictors of death and impact of surgery in *Staphylococcus aureus* infective endocarditis (Remadi, Habib, & others) 2007;83:1295–302*

Preoperative embolization followed by surgical excision of an intrapericardial pheochromocytoma (Ali, Devbhandari, & others) 2007;83:302–4, CR

Risk of surgery for congenital heart disease in the adult: a multicentered European study (Vida, Berggren, & others) 2007;83:161–8*

Single-stage surgical treatment of synchronous bilateral multiple lung cancers (Mun & Kohno) 2007;83:1146–51*

Surgery for transposition of the great arteries in neonates weighing less than 2,500 grams: a consecutive series of 25 patients (Roussin, Belli, & others) 2007;83:173–8*; Discussion (Fraser, Roussin, & others) 2007;83:177–8, DI

Surgery of left ventricular aneurysm: a meta-analysis of early outcomes following different reconstruction techniques (Parolari, Naliato, & others) 2007;83:2009–16*; Invited Commentary (Anderson) 2007;83:2016, IC

Surgical correction of tetralogy of Fallot with unilateral absence of pulmonary artery (Bockeria, Podzolkov, & others) 2007;83:613–8*

Surgical management of a giant thoracic angiomyolipoma (Holman, Diethelm, & others) 2007;83:2201–3, CR

Surgical outcome of colon interposition by the posterior mediastinal route for thoracic esophageal cancer (Motoyama, Kitamura, & others) 2007;83:1273–8*; Invited Commentary (Hoover) 2007;83:1278, IC

Surgical resection for multifocal (T4) non-small cell lung cancer: is the T4 designation valid? (Port, Korst, & others) 2007;83:397–401*; Invited Commentary (Deslauriers) 2007; 83:400–1, IC

Surgical resection of melorheostosis in the ribs (Chanda & Millner) 2007;83:1518–9, CR

Surgical results of arterial switch operation for Taussig-Bing anomaly: is position of the great arteries a risk factor? (Rodefeld, Ruzmetov, & others) 2007;83:1451–7*

Surgical treatment of bilateral aneurysmal coronary to pulmonary artery fistulas associated with severe atherosclerosis (Said, Voogt, & others) 2007;83:291–3, CR

Surgical treatment of postinfarction left ventricular pseudoaneurysm (Atik, Navia, & others) 2007;83:526–31*

Usefulness of transcranial motor evoked potentials during thoracoabdominal aortic surgery (Kawanishi, Munakata, & others) 2007;83:456–61*

Surgical planning

Stereolithographic models for surgical planning in congenital heart surgery (Sodian, Weber, & others) 2007;83:1854–7, NT

Surgical ventricular restoration

Edge-to-edge mitral repair without annuloplasty in combination with surgical ventricular restoration (Sartipy, Albåge, & others) 2007;83:1303–9*

Impact of lateral wall myocardial infarction on outcomes after surgical ventricular restoration (Patel, Williams, & others) 2007;83:2017–28*; Discussion (Song, Nwakanma, & others) 2007;83:2027–8, DI

Improved health-related quality of life and functional status after surgical ventricular restoration (Sartipy, Albåge, & Lindblom) 2007;83:1381–8*; Invited Commentary (Buckberg) 2007;83:1387–8, IC

Swan-Ganz catheters

Extracorporeal membrane oxygenation for Swan-Ganz induced intraoperative hemorrhage (Bianchini, Melina, & others) 2007;83:2213–4, CR

Sympathectomy

Outpatient microthoracoscopic sympathectomy for palmar hyperhidrosis (Miller & Force) 2007;83:1850–3*; Discussion (Cerfolio & Miller) 2007;83:1853, DI

Synchronous bilateral multiple lung cancer

Single-stage surgical treatment of synchronous bilateral multiple lung cancers (Mun & Kohno) 2007;83:1146–51*

Systemic inflammatory response

Cell salvage alters the systemic inflammatory response after off-pump coronary artery bypass grafting surgery (Allen, McBride, & others) 2007;83:578–85*

Takayasu's arteritis

Takayasu's arteritis mimicking acute aortic dissection (Theodore, Vaidyanathan, & others) 2007;83:1876–8, CR

Takotsubo cardiomyopathy

Takotsubo cardiomyopathy: expanding the differential diagnosis in cardiothoracic surgery (Berman, Saute, & others) 2007;83:295–8, CR

Talc pleurodesis

Who gains most? A 10-year experience with 611 thoracoscopic talc pleurodeses (Steger, Toomes, & others) 2007;83: 1940–5*

Taussig-Bing anomaly

Surgical results of arterial switch operation for Taussig-Bing anomaly: is position of the great arteries a risk factor? (Rodefeld, Ruzmetov, & others) 2007;83:1451–7*

Temperature

Temperature changes stimulate contraction in the human radial artery and affect response to vasoconstrictors (Oo, Conant, & others) 2007;83:126–33*; Invited Commentary (Perrault & Mommerot) 2007;83:132–3, IC

Tension pneumopericardium

Tension pneumopericardium caused by pericarditis (Li, Omo, & others) 2007;83:321, IM

Teratoma

Intrapulmonary teratoma: an exceptional disease (Rana, Swami, & others) 2007;83:1194–6, CR

Tetralogy of Fallot

Ebstein's anomaly of the tricuspid valve in combination of tetralogy of Fallot: total correction in infancy (Lai, Wu, & Yang) 2007;83:304–6, CR

Long-term functional assessment after correction of tetralogy of Fallot in adulthood (Sadiq, Shyamkrishnan, & others) 2007;83:1790–6; Invited Commentary (Hörer & Schreiber) 2007;83:1795–6, CR

Predicting outcome of pulmonary valve replacement in adult tetralogy of Fallot patients (Henkens, Straten, & others) 2007;83:907–11*

Tetralogy of Fallot (cont'd)

- Right ventricular outflow tract reconstruction with Contegra monocupid transannular patch in tetralogy of Fallot (Chiappini, Barrea, & Rubay) 2007;83:185–7*
- Surgical correction of tetralogy of Fallot with unilateral absence of pulmonary artery (Bockeria, Podzolkov, & others) 2007;83:613–8*

Thoracic angiomyolipoma

- Surgical management of a giant thoracic angiomyolipoma (Holman, Diethelm, & others) 2007;83:2201–3, CR

Thoracic aorta

- Primary sarcoma of the thoracic aorta (Kouchoukos & Masetti) 2007;83:e1, IM
- Reoperation for giant false aneurysm of the thoracic aorta: how to reenter the chest? (Bachet, Pirotte, & others) 2007;83:1610–4*
- Risk factors of neurologic deficit after thoracic aortic endografting (Khoynezhad, Donayre, & others) 2007;83:S822–9*
- Stent-grafting of the thoracic aorta by the cardiothoracic surgeon (Zipfel, Hammerschmidt, & others) 2007;83:441–9*; Discussion (Bavaria & Zipfel), DI
- Survival benefit of endovascular descending thoracic aorta repair for the high-risk patient (Patel, Shillingford, & others) 2007;83:1628–34*; Discussion (Kern, Patel, & Sundt) 2007;83:1633–4, DI
- Topography of aortic atherosclerosis enhances its precision as a predictor of stroke (van der Linden, Bergman, & Hadjinikolaou) 2007;83:2087–92*; Invited Commentary (Bilfinger) 2007;83:2092, IC

Thoracic aortic aneurysms

- Assessment of spinal cord circulation and function in endovascular treatment of thoracic aortic aneurysms (Schurink, Nijenhuis, & others) 2007;83:S877–81*
- Early surgical experience with Loeys-Dietz: a new syndrome of aggressive thoracic aortic aneurysm disease (Williams, Loeys, & others) 2007;83:S757–63*
- Frozen elephant trunk technique for treatment of thoracic aortic aneurysms (Baraki, Hagl, & others) 2007;83:S819–23*
- One-step surgical approach of a thoracic aortic aneurysm in Wiskott-Aldrich syndrome (Bernabeu, Josa, & others) 2007;83:1537–8, CR
- Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041–6*
- Optimization of aortic arch replacement with a one-stage approach (Kouchoukos, Mauney, & others) 2007;83:S811–4*

Thoracic aortic surgery

- Fifty years of thoracic aortic surgery: lessons learned and future directions (Westaby & Bertoni) 2007;83:S832–34*

Thoracic endografting

- Introduction to thoracic endografting: imaging, guidewires, guiding catheters, and delivery sheaths (Wheatley, McNutt, & Diethrich) 2007;83:272–8, NT

Thoracic surgery

- See also Surgery
- Methicillin-resistant *Staphylococcus aureus* pneumonia after thoracic surgery: successful treatment with linezolid after failed vancomycin therapy (Salerno, Vahid, & Marik) 2007;83:1888–91, CR

Use of flexible silastic drains in thoracic surgery: a word of caution (Saxena, Kejriwal, & Newman) 2007;83:2258–9, CP; Reply (Ishikura & Kimura) 2007;83:2259

Whom does the grail serve? A vision of transformation in thoracic surgery (Ungerleider) 2007;83:1927–33, PA

Thoracic sympathetic block

- Amelioration of specific phobias after thoracic sympathetic block in patients with localized hyperhidrosis (Biebl, Fraedrich, & others) 2007;83:1578–9, CP

Thoracoabdominal aorta

- Panel discussion: session IV—descending and thoracoabdominal aorta (Spielvogel, Cambria, & others) 2007;83:S890–2, DI

Thoracoabdominal aortic aneurysms

- Delayed spinal cord deficits after thoracoabdominal aortic aneurysm repair (Wong, Coselli, & others) 2007;83:1345–55*; Discussion (Sundt & Coselli) 2007;83:1355, DI
- Long-term follow-up after thoracoabdominal aortic aneurysm repair (Schepens, Kelder, & others) 2007;83:S851–5*
- Open surgical repair of 2286 thoracoabdominal aortic aneurysms (Coselli, Bozinovski, & LeMaire) 2007;83:S862–4*
- Optimal end-organ protection for thoracic and thoracoabdominal aortic aneurysm repair using deep hypothermic circulatory arrest (Fehrenbacher, Hart, & others) 2007;83:1041–6*
- Pulmonary complications after descending thoracic and thoracoabdominal aortic aneurysm repair: predictors, prevention, and treatment (Etz, Luozzo, & others) 2007;83:S870–6*
- Spinal cord perfusion and protection during descending thoracic and thoracoabdominal aortic surgery: the collateral network concept (Griepp & Griepp) 2007;83:S865–9*
- Thoracoabdominal aneurysm repair: a 20-year perspective (Conrad, Crawford, & others) 2007;83:S856–61*
- Thoracoabdominal aortic aneurysm associated with abdominal aortic and visceral arterial occlusion in a hemodialysis patient (Nakajima, Tsuchiya, & others) 2007;83:2216–9, CR

Thoracoabdominal aortic surgery

- Usefulness of transcranial motor evoked potentials during thoracoabdominal aortic surgery (Kawanishi, Munakata, & others) 2007;83:456–61*

Thoracoscopic radiofrequency pulmonary vein isolation

- Thoracoscopic radiofrequency pulmonary vein isolation and atrial appendage occlusion (Puskas, Lin, & others) 2007;83:1870–2, CR

Thoracoscopic sympathectomy

- One-year follow-up after thoracoscopic sympathectomy for hyperhidrosis (Reisfeld) 2007;83:358–9, CP

Thoracoscopic talc pleurodesis

- Who gains most? A 10-year experience with 611 thoracoscopic talc pleurodeses (Steger, Toomes, & others) 2007;83:1940–5*

Thoracoscopy

- Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy (Friscia, Zhu, & others) 2007;83:252–6*

Thoracoscopic lobectomy facilitates the delivery of chemotherapy after resection for lung cancer (Petersen, Pham, & others) 2007;83:1245–50*; Discussion (Howington, Petersen, & others) 2007;83:1250, DI

Thoracoscopic lobectomy for impaired or complex patients: an update (Demmy) 2007;83:1578, CP

Thoracoscopic microwave epicardial ablation: feasibility for the treatment of idiopathic sinus node tachycardia (Shandling, Rieders, & Bethencourt) 2007;83:300–2, CR

Treatment of lone atrial fibrillation with a right thoracoscopic approach (La Meir, Roy, & others) 2007;83:2244–5, HW

Thoracotomy

Routine evaluation for aspiration after thoracotomy for pulmonary resection (Keeling, Lewis, & others) 2007;83:193–6*; Invited Commentary (Allen) 2007;83:196, IC

Tracheal compression with “hairpin” right aortic arch: management by aortic division and aortopexy by right thoracotomy guided by intraoperative bronchoscopy (Grillo & Wright) 2007;83:1152–7*

Video-assisted thoracoscopic surgery is more favorable than thoracotomy for resection of clinical stage I non-small cell lung cancer (Whitson, Andrade, & others) 2007;83:1965–70*

Thrombectomy

Cavoatrial tumor thrombectomy with systemic circulatory arrest and antegrade cerebral perfusion (Mazzola, Gregorini, & others) 2007;83:1564–5, HW

Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731–6*

Thrombin

Postoperative coagulopathy in a pediatric patient after exposure to bovine topical thrombin (Crow, Sullivan, & others) 2007;83:1547–9, CR

Thrombocytopenia

Bivalirudin during cardiopulmonary bypass in patients with previous or acute heparin-induced thrombocytopenia and heparin antibodies: results of the CHOOSE-ON trial (Koster, Dyke, & others) 2007;83:572–7*

Impact of heparin-induced thrombocytopenia on outcome in patients with ventricular assist device support: single-institution experience in 358 consecutive patients (Koster, Huebler, & others) 2007;83:72–6*

Unusual complication of heparin-induced thrombocytopenia after mitral valve surgery: spontaneous rupture of spleen (Mitchell, Riley, & Vahid) 2007;83:1172–4, CR

When is HIT really HIT? (Warkentin & Crowther) 2007;83:21–3, ED

Thrombosis

Retrieval stent filter: treatment of Budd Chiari syndrome complicated with inferior vena cava thrombosis—initial clinical experience (Han, Ding, & others) 2007;83:655–60, NT

Thrombus

Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731–6*

Removal of a left atrial thrombus adherent to a patent foramen ovale occluder (Krieg, Lapp, & others) 2007;83:1539–41, CR

Thymoma

Atypical presentation of xanthoma mimicking thymoma (Mizukami, Hamamoto, & others) 2007;83:1205, IM

Ectopic pleural thymoma presenting as a giant mass in the thoracic cavity (Yamazaki, Yoshino, & others) 2007;83:315–7, CR

Oral erosive lichen planus regression after thymoma resection (Bobbio, Vescovi, & others) 2007;83:1197–9, CR

Shock induced by spontaneous rupture of a giant thymoma (Santoprete, Ragusa, & others) 2007;83:1526–8, CR

Thyroid carcinoma

Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma (Gaisser, Honings, & others) 2007;83:1952–9*

Tissue Doppler imaging

Clinical utility of tissue Doppler imaging in prediction of atrial fibrillation after coronary artery bypass grafting (Benedetto, Melina, & others) 2007;83:83–8*

Tissue glue

Perioperative blood transfusion and blood conservation in cardiac surgery: The Society of Thoracic Surgeons and The Society of Cardiovascular Anesthesiologists clinical practice guideline (Ferraris, Ferraris, & others) 2007;83:S27–86, RP

Total arch replacement

Integrated total arch replacement using selective cerebral perfusion (Sasaki, Ogino, & others) 2007;83:S805–10*

Total arch replacement for a distal aortic arch aneurysm with right aortic arch (Kiokawa, Goh, & others) 2007;83:e3, HW

Total cavopulmonary connection

Introduction of a new optimized total cavopulmonary connection (Soerensen, Pekkan, & others) 2007;83:2182–90*; Invited Commentary (Hazekamp) 2007;83:2190, IC

Totally endoscopic coronary artery bypass graft surgery

Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography (Schachner, Feuchtner, & others) 2007;83:1361–7*

Tracheal obstruction

Tracheal compression with “hairpin” right aortic arch: management by aortic division and aortopexy by right thoracotomy guided by intraoperative bronchoscopy (Grillo & Wright) 2007;83:1152–7*

Tracheal resection

Segmental laryngotracheal and tracheal resection for invasive thyroid carcinoma (Gaisser, Honings, & others) 2007;83:1952–9*

Tracheal stenosis

Long-segment tracheal stenosis treated with vascularized mucosa and short-term stenting (Stamenkovic, Hierner, & others) 2007;83:1213–5, HW

Tracheal stenosis caused by retrosternal dislocation of the right clavicle (Nakayama, Tanaka, & others) 2007;83:685–7, CR

Tracheal stent

Alternative conservative therapy (Baciewicz) 2007;83:1923, CP; Reply (Mercadante, Curatola, & Carlini) 2007;83:1924

Tracheal stenting

Tracheal stenting of iatrogenic tracheal injury: a novel management approach (Yopp, Eckstein, & others) 2007;83:1897–9, CR

Tracheobronchial injuries

Management of iatrogenic tracheobronchial injuries: a retrospective analysis of 29 cases (Schneider, Storz, & others) 2007;83:1960–4*

Tracheobronchial rupture

Management of postintubation tracheobronchial ruptures (Conti, Robin, & others) 2007;83:1924, CP; Reply (Mercadante, Giovannini, & Carlini) 2007;83:1925

Tracheoesophageal fistula

Repair of large, iatrogenic, tracheo-esophageal fistula (Chapell & Heck) 2007;83:705–6, HW

Training

Training of cardiac surgeons for Bosnia and Herzegovina: outcomes in coronary bypass grafting surgery (Bergsland, Kabil, & others) 2007;83:462–7*

Transcranial motor evoked potentials

Usefulness of transcranial motor evoked potentials during thoracoabdominal aortic surgery (Kawanishi, Munakata, & others) 2007;83:456–61*

Transesophageal echocardiography

Intraoperative transesophageal echocardiography modifies strategy in off-pump coronary artery bypass grafting (Gurbuz, Hecht, & Arslan) 2007;83:1035–40*

Transforming growth factor- β 1

Transforming growth factor- β 1 mechanisms in aortic valve calcification: increased alkaline phosphatase and related events (Clark-Greuel, Connolly, & others) 2007;83:946–53*

Transfusion

Blood transfusion after cardiac surgery: Damned if you don't. Damned if you do? (Zacharias, Lerman, & Knowles) 2007;83:2260, CP; Reply (Koch & Blackstone) 2007;83:2260–1

Transhiatal esophagectomy

Transhiatal esophagectomy for distal and cardia cancers: implications of a positive gastric margin (DiMusto & Orringer) 2007;83:1993–9*; Discussion (Blackmon, Orringer, & others) 2007;83:1998–9, DI

Transplantation

See also Cell transplantation; Heart transplantation; Lung transplantation

First human transplantation of a nonacceptable donor lung after reconditioning ex vivo (Steen, Ingemansson, & others) 2007;83:2191–5, NT; Invited Commentary (Allan) 2007;83:2194–5, IC

Transposition of the great arteries

Bridge to transplantation with a left ventricular assist device for systemic ventricular failure after Mustard procedure (George, Birks, & others) 2007;83:306–8, CR

Congenitally corrected transposition of the great arteries: surgical repair in adulthood (Mitropoulos, Kanakis, & others) 2007;83:672–4, CR

Long-term results after the Rastelli repair for transposition of the great arteries (Hörer, Schreiber, & others) 2007;83:2169–75*

Persistent pulmonary hypertension of the newborn with transposition of the great arteries (Roofthooft, Bergman, & others) 2007;83:1446–50*

Surgery for transposition of the great arteries in neonates weighing less than 2,500 grams: a consecutive series of 25 patients (Roussin, Belli, & others) 2007;83:173–8*; Discussion (Fraser, Roussin, & others) 2007;83:177–8, DI

Transxiphoid hand-assisted videothoracoscopic surgery

Transxiphoid hand-assisted videothoracoscopic surgery (Mineo, Ambrogi, & others) 2007;83:1978–85*; Invited Commentary (Dettberbeck) 2007;83:1984–5, IC

Trauma

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Can a falling bullet be lethal at terminal velocity? Cardiac injury caused by a celebratory bullet (Incorvaia, Poulos, & others) 2007;83:283–4, CR

Concomitant traumatic aortic valve and coronary artery injury (Aoyagi, Okazaki, & others) 2007;83:289–91, CR

Traumatic rupture of the pericardium (Carrick, Pham, & others) 2007;83:1554, IM

Triage and outcome of patients with mediastinal penetrating trauma (Burack, Kandil, & others) 2007;83:377–82*; Invited Commentary (Mattox) 2007;83:382, IC

Video-assisted thoracoscopic surgery in the treatment of chest trauma: long-term benefit (Ben-Nun, Orlovsky, & Best) 2007;83:383–7*; Invited Commentary (Hazelrigg) 2007;83:387, IC

Triage

Triage and outcome of patients with mediastinal penetrating trauma (Burack, Kandil, & others) 2007;83:377–82*; Invited Commentary (Mattox) 2007;83:382, IC

Triangular leaflet resection

Simplified approach to degenerative disease: triangular resections of the mitral valve (Gazoni, Fedoruk, & others) 2007;83:1658–65*; Discussion (Mack, Gazoni, & others) 2007;83:1664–5, DI

Tricuspid annuloplasty

Adjustable segmental tricuspid annuloplasty: a new modified technique (Sarraj & Duarte) 2007;83:698–9, HW

Tricuspid regurgitation

Geometric disproportion of cardiac structure and graft ischemia affect tricuspid valve regurgitation early after neonatal heart transplantation (Asano, Razzouk, & others) 2007;83:1774–80*

Ruptured tricuspid valve papillary muscle: a treatable cause of neonatal cyanosis (Sachdeva, Fiser, & others) 2007;83:680–2, CR

Tricuspid valve

Atrial septal rupture, flail tricuspid valve, and complete heart block due to nonpenetrating chest trauma (Thors, Guarneri, & others) 2007;83:2207–10, CR

Ebstein's anomaly of the tricuspid valve in combination of tetralogy of Fallot: total correction in infancy (Lai, Wu, & Yang) 2007;83:304–6, CR

Modified technique for the surgical treatment of severe tricuspid valve deformity in Ebstein's anomaly (Bichell, Mora, & others) 2007;83:678–80, CR

Successful use of transvenous atrial and bifocal left ventricular pacing in Ebstein's anomaly after tricuspid prosthetic valve surgery (Lopez & Leachman) 2007;83:1183–5, CR

Tricuspid valve insufficiency

Neonatal mitral and tricuspid valve repair for in utero papillary muscle rupture (Anagnostopoulos, Alphonso, & others) 2007;83:1458–62*

Triple vessel disease

Exclusive internal thoracic artery grafting in triple-vessel-disease patients: angiographic control (Azmoun, Ramadan, & others) 2007;83:2098–102

Troponin I

Prognostic significance of elevated cardiac troponin I after heart surgery (Adabag, Rector, & others) 2007;83:1744–50*

Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization (Onorati, Cristodoro, & others) 2007;83:1016–23*

Truncus arteriosus

Ductal origin of the distal pulmonary artery in truncus arteriosus (Carotti, Piacentini, & Marino) 2007;83:2262, CP; Reply (Karamlou) 2007;83:2262–3

T-tube repair

Modified T-tube repair of delayed esophageal perforation results in a low mortality rate similar to that seen with acute perforations (Linden, Bueno, & others) 2007;83:1129–33*; Invited Commentary (Urschel) 2007;83:1133, IC

Tube-graft inversion

Tube-graft inversion for the construction of an "open" distal anastomosis during ascending aortic replacement: a new technique (Alexiou & Sosnowski) 2007;83:326–8, HW

Tumor necrosis factor- α

Use of a miniaturized circuit and bloodless prime to avoid cerebral no-reflow after neonatal cardiopulmonary bypass (Hickey, Karamlou, & others) 2007;83:895–901*

Tumors

Endoscopic cardiac tumor resection (Deshpande, Casselman, & others) 2007;83:2142–6*

Tumor thrombectomy

Novel techniques for tumor thrombectomy for renal cell carcinoma with intraatrial tumor thrombus (Chowdhury, Mishra, & others) 2007;83:1731–6*

Two-ventricle congenital heart disease

Evaluation of the coagulation system in children with two-ventricle congenital heart disease (Odegard, Zurakowski, & others) 2007;83:1797–804*; Invited Commentary (Guay) 2007;83:1803–4, IC

Type A aortic dissection

Acute type A aortic dissection at 17 weeks of gestation in a Marfan patient (Seeburger, Mohr, & Falk) 2007;83:674–6, CR

Combined open and endovascular repair of acute type A aortic dissection (Sorokin, Chong, & others) 2007;83:666–8, CR

Impact of perfusion strategy on neurologic recovery in acute type A aortic dissection (Zierer, Moon, & others) 2007;83:2122–9*; Discussion (Sundt, Zierer, & Baisden) 2007;83:2128–9, DI

Late complications of gelatin-resorcin-formalin glue in the repair of acute type A aortic dissection (Hata, Takano, & others) 2007;83:1621–7*; Invited Commentary (LeMaire) 2007;83:1626–7, IC

Midterm results of aortic repair using a fabric neomedia and fibrin glue for type A acute aortic dissection (Nakjima, Kawazoe, & others) 2007;83:1615–20*

Modified trifurcated graft in acute type A aortic dissection with the least brain ischemic time (Chen & Hsieh) 2007;83:e6–8, HW

Proximal reoperations after repaired acute type A aortic dissection (Estrera, Miller, & others) 2007;83:1603–9*; Discussion (Ikonomidis, Estrera, & Coselli) 2007;83:1608–9, DI

Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score (Rampoldi, Trimarchi, & others) 2007;83:55–61*

Temporary perfusion for mesenteric ischemia with acute type A aortic dissection (Okada, Okimoto, & others) 2007;83:293–4, CR

What is the optimal management of late-presenting survivors of acute type A aortic dissection? (Davies, Coe, & others) 2007;83:1593–602*; Discussion (Bolman, Davies, & others) 2007;83:1601–2, DI

Type B aortic dissection

Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections (Czerny, Zimpfer, & others) 2007;83:1635–40*; Invited Commentary (Mitchell) 2007;83:1640, IC

One-stage repair with a new integrated stent-Dacron prosthesis for type B aortic dissection (Panos, Kalakonas, & others) 2007;83:1535–6, CR

Update on outcomes of acute type B aortic dissection (Estrera, Miller, & others) 2007;83:S842–5*

Type II statistical error

Type II statistical error (Weinstein) 2007;83:724, CP

Ultrasound

Endoscopic ultrasound compared with laparoscopy for staging esophageal cancer (Kaushik, Khalid, & others) 2007;83:2000–2*

Measurement of non-physiological movement in sternal instability by ultrasound (El-Ansary, Waddington, & Adams) 2007;83:1513–7, NT; Invited Commentary (Magovern) 2007;83:1516–7, IC

Umbilical cord derived stem cells

Therapeutic potential of human umbilical cord derived stem cells in a rat myocardial infarction model (Wu, Zhou, & others) 2007;83:1491–500*; Invited Commentary (Tang & Phillips) 2007;83:1499–500, IC

Vacuum-assisted therapy

Descending necrotizing mediastinitis treated with rapid sternotomy followed by vacuum-assisted therapy (Gorlitzer, Grabenwoeger, & others) 2007;83:393–6*; Invited Commentary (Lanuti) 2007;83:396, IC

New method for sternal closure after vacuum-assisted therapy in deep sternal infections after cardiac surgery (Reiss, Schuett, & others) 2007;83:2246–7, HW

Vagotomy

Effective symptomatic relief of hypertrophic pulmonary osteoarthropathy by video-assisted thoracic surgery truncal vagotomy (Ooi, Saad, & others) 2007;83:684–5, CR

Valproic acid

Valproic acid and bleeding: caution required (Veinot & Ruel) 2007;83:725, CP; Reply (Williams & Baumgartner) 2007;83:725–6

Valsalva graft

Reimplantation valve-sparing aortic root replacement in Marfan syndrome using the Valsalva conduit: an intercontinental multicenter study (Settepani, Szeto, & others) 2007;83:S769–73*

Valsalva sinus aneurysm

Large Valsalva sinus aneurysm simulating an interatrial septum mass (Reverdin, Rabaeus, & Kalangos) 2007;83:696, IM

Valuation

Physician payment for 2007: a description of the process by which major changes in valuation of cardiothoracic surgical procedures occurred (Smith, Mayer, & others) 2007;83:12–20, RP

Valve replacement

See also Aortic valve replacement; Mitral valve replacement

Early clinical and hemodynamic outcomes after stented and stentless aortic valve replacement: results from a randomized controlled trial (Ali, Halstead, & others) 2007;83:2162–8*

Long-term outcomes in valve replacement surgery for infective endocarditis (Kaiser, Melby, & others) 2007;83:30–5*

Minimally invasive closed circuit versus standard extracorporeal circulation for aortic valve replacement (Castiglioni, Verzini, & others) 2007;83:586–91*

Mitral valve repair versus replacement in simultaneous mitral and aortic valve surgery for rheumatic disease (Kuwaki, Kawahara, & others) 2007;83:558–63*

Postconditioning the human heart with adenosine in heart valve replacement surgery (Jin, Zhou, & others) 2007;83:2066–73*; Invited Commentary (Krukenkamp) 2007;83:2073, IC

Postoperative coronary artery spasm complicating aortic valve replacement: implications for identification and treatment (Pragliola, Altamura, & others) 2007;83:670–2, CR

Valve-sparing aortic root replacement: current state of the art and where are we headed? (Miller) 2007;83:S736–9

Valve-sparing surgery

Aortic valve repair: the functional approach to leaflet prolapse and valve-sparing surgery (Jeanmart, de Kerchove, & others) 2007;83:S746–51*

Aortic valve–sparing operation in Marfan syndrome: what do we know after a decade? (Kallenbach, Baraki, & others) 2007;83:S764–8*

Remodeling or reimplantation for valve-sparing aortic root surgery? (Erasmi, Sievers, & others) 2007;83:S752–6*

Valve-sparing aortic root replacement: current state of the art and where are we headed? (Miller) 2007;83:S736–9

Valve-sparing operation for aortic root aneurysm late after Mustard procedure (Ono, Goerler, & others) 2007;83:2224–6, CR

Valve-sparing reconstruction within the native aortic root: integrating the Yacoub and the David methods (Kollar) 2007;83:2241–3, HW

Valve surgery

Effect of prior valve type on mortality in reoperative valve surgery (Tang, Maganti, & others) 2007;83:938–45*

Risk index for predicting in-hospital mortality for cardiac valve surgery (Hannan, Wu, & others) 2007;83:921–30*; Invited Commentary (Edwards) 2007;83:930, IC

Valvular heart disease

Valvular heart disease associated with fenfluramine detected 7 years after discontinuation of treatment (Greffé, Chalabreysse, & others) 2007;83:1541–3, CR

Vascular endothelial growth factor

Cell-based VEGF delivery prevents donor cell apoptosis after transplantation (Ye, Haider, & others) 2007;83:1233–4; Reply (Yau, DeGasparis, & DeGasparis) 2007;83:1234

Effects of cell-based angiogenic gene therapy at 6 months: persistent angiogenesis and absence of oncogenicity (Kim, Li, & others) 2007;83:640–7*; Invited Commentary (Nikolaos, Rauend, & Alfred) 2007;83:646–7, IC

Enhanced angiogenesis with multimodal cell-based gene therapy (Yau, Kim, & others) 2007;83:1110–20*; Invited Commentary (Feng & Sellke) 2007;83:1119–20, IC

Vascular grafts

Novel bioengineered small caliber vascular graft with excellent one-month patency (Ishii, Kronengold, & others) 2007;83:517–25*

Vasoconstrictors

Temperature changes stimulate contraction in the human radial artery and affect response to vasoconstrictors (Oo, Conant, & others) 2007;83:126–33*; Invited Commentary (Perrault & Mommerot) 2007;83:132–3, IC

Vasoplegic shock

Selecting a vasopressor drug for vasoplegic shock after adult cardiac surgery: a systematic literature review (Egi, Bellomo, & others) 2007;83:715–23, CV

Vasopressors

Selecting a vasopressor drug for vasoplegic shock after adult cardiac surgery: a systematic literature review (Egi, Bellomo, & others) 2007;83:715–23, CV

Veno-arterial hemofiltration

Intraoperative veno-arterial hemofiltration during miniaturized extracorporeal bypass (Capuano, Bianchini, & others) 2007;83:2215–6, CR

Ventricular assist devices

See also Left ventricular assist devices

Bedside right ventricular assist device removal in the conscious patient (Cohn, Gregoric, & others) 2007;83:1556–7, HW

Berlin heart ventricular assist device in a child with hypoplastic left heart syndrome (Chu, Sharma, & others) 2007;83:1179–81, CR

Impact of heparin-induced thrombocytopenia on outcome in patients with ventricular assist device support: single-institution experience in 358 consecutive patients (Koster, Huebler, & others) 2007;83:72–6*

Ventricular epicardial leads

Ventricular epicardial lead placement for resynchronization by determination of paced depolarization intervals: technique and rationale (Edgerton, Edgerton, & others) 2007;83:89–92*; Discussion (Van Meter & Edgerton) 2007;83:92, DI

Ventricular fibrillation

Bi-ventricular circulatory support with the Abiomed AB5000 system in a patient with idiopathic refractory ventricular fibrillation (Zhang, Kapetanakis, & others) 2007;83:298–300, CR

Ventricular septal defects

Anomalous left anterior descending coronary artery from pulmonary artery with ventricular septal defect (Stephen, Kuruvi, & others) 2007;83:1175–7, CR

Spontaneous closure of small residual ventricular septal defects after surgical repair (Dodge-Khatami, Knirsch, & others) 2007;83:902–6*; Invited Commentary (Kanter) 2007;83:906, IC

Unidirectional monovalve homologous aortic patch for repair of ventricular septal defect with pulmonary hypertension (Zhang, Wu, & others) 2007;83:2176–81*; Invited Commentary (Magee) 2007;83:2181, IC

Video-assisted thoracoscopic surgery

Complications of video-assisted thoracoscopic lung biopsy in patients with interstitial lung disease (Kreider, Hansen-Flaschen, & others) 2007;83:1140–5; Invited Commentary (Miller) 2007;83:1145, IC

Effective symptomatic relief of hypertrophic pulmonary osteoarthropathy by video-assisted thoracic surgery truncal vagotomy (Ooi, Saad, & others) 2007;83:684–5, CR

Transxiphoid hand-assisted videothoracoscopic surgery (Mineo, Ambrogi, & others) 2007;83:1978–85*; Invited Commentary (Dettberbeck) 2007;83:1984–5, IC

Video-assisted bilateral epicardial pulmonary vein isolation for the treatment of lone atrial fibrillation (Sagbas, Akpinar, & others) 2007;83:1724–30*

Video-assisted thoracoscopic surgery in the treatment of chest trauma: long-term benefit (Ben-Nun, Orlovsky, & Best) 2007;83:383–7*; Invited Commentary (Hazelrigg) 2007;83:387, IC

Video-assisted thoracoscopic surgery is more favorable than thoracotomy for resection of clinical stage I non-small cell lung cancer (Whitson, Andrade, & others) 2007;83:1965–70*

Video-assisted thoracoscopy

Cytokine response is lower after lung volume reduction through bilateral thoracoscopy versus sternotomy (Francia, Zhu, & others) 2007;83:252–6*

Video-mediastinocope

Video-mediastinocope: for extracting upper esophageal foreign bodies (Tekinbas & Erol) 2007;83:2239–40, HW

Videopericardioscopy

Flexible videopericardioscopy in cT4 nonsmall-cell lung cancer with radiologic evidence of proximal vascular invasion (Pompeo, Tacconi, & Mineo) 2007;83:402–8*

Vocal cord paralysis

Incidence and risk factors of postoperative vocal cord paralysis in 987 patients after cardiovascular surgery (Itagaki, Kikura, & Sato) 2007;83:2147–52*

Recurrent laryngeal nerve monitoring during mediastinoscopy: predictors of injury (Roberts & Wadsworth) 2007;83: 388–92*; Discussion (Decamp, Roberts, & others) 2007;83: 391–2, DI

von Willebrand factor

Are we using the right fluid mechanics principles? (Eng & Eng) 2007;83:354, CP; Reply (Yoshida, Tobe, & Yamaguchi) 2007;83:354–5

Successful aortic valve replacement with Heyde syndrome with confirmed hematologic recovery (Morishima, Marui, & others) 2007;83:287–8, CR

Windkessel function

Unsupported reduction ascending aortoplasty: fate of diameter and of Windkessel function (Walker, Bail, & others) 2007;83:1047–54*; Invited Commentary (Sundt) 2007;83: 1053–4, IC

Wiskott-Aldrich syndrome

One-step surgical approach of a thoracic aortic aneurysm in Wiskott-Aldrich syndrome (Bernabeu, Josa, & others) 2007;83:1537–8, CR

Women

Preoperative serum carcinoembryonic antigen level is a prognostic factor in women with early non-small-cell lung cancer (Hsu, Huang, & others) 2007;83:419–24*; Invited Commentary (Putnam) 2007;83:424, IC

Wound closure

Elastic device facilitating delayed primary closure of sternal wound infection (Price, Rubens, & Bell) 2007;83:1162–5, NT

Xanthoma

Atypical presentation of xanthoma mimicking thymoma (Mizukami, Hamamoto, & others) 2007;83:1205, IM

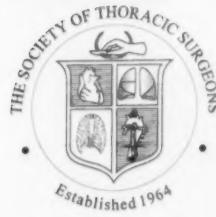
Yacoub method

Valve-sparing reconstruction within the native aortic root: integrating the Yacoub and the David methods (Kollar) 2007;83:2241–3, HW

VOLUME 83 JANUARY-JUNE 2007

**THE
ANNALS OF
THORACIC
SURGERY**

*Official Journal of The Society of Thoracic Surgeons
and the Southern Thoracic Surgical Association*



THE ANNALS OF THORACIC SURGERY



*Official Journal of The Society of Thoracic Surgeons
and the Southern Thoracic Surgical Association*

EDITOR

L. Henry Edmunds, Jr, MD, Philadelphia, PA

Thomas B. Ferguson, MD, Editor 1984–2000

Herbert Sloan, MD, Editor 1969–1984

John D. Steele, MD, Editor 1964–1969

ASSOCIATE EDITORS

Associate Editors for CME

Verdi J. DiSesa, MD, West Chester, PA

Mark K. Ferguson, MD, Chicago, IL

Constantine Mavroudis, MD, Chicago, IL

Ethics Editor

Robert M. Sade, MD, Charleston, SC

Surgical Heritage Editor

W. Gerald Rainer, MD, Denver, CO

Statistics Editor

Gary L. Grunkemeier, PhD, Portland, OR

Feature Article Editors

Thomas X. Aufiero, MD, Williamsport, PA

John G. Byrne, MD, Nashville, TN

David B. Campbell, MD, Hershey, PA

S. Bert Litwin, MD, Boca Raton, FL

Joseph I. Miller, Jr, MD, Atlanta, GA

John A. Odell, MD, Jacksonville, FL

Wayne E. Richenbacher, MD, Iowa City, IA

Joseph B. Shrager, MD, Philadelphia, PA

Larry W. Stephenson, MD, Detroit, MI

Surgical Pathology Editor

Juan Rosai, MD, Milan, Italy

EDITORIAL BOARD

David H. Adams, MD, New York, NY

William N. Anderson, PhD, Lake Forest, CA

Enio Buffolo, MD, São Paulo, Brazil

Brian F. Buxton, MD, Richmond, Australia

Antonio M. Calafiore, MD, Chieti, Italy

John V. Conte, MD, Baltimore, MD

Thomas A. D'Amico, MD, Durham, NC

Pedro J. del Nido, MD, Boston, MA

Robert A. Dion, MD, Genk, Belgium

T. Bruce Ferguson, Jr, MD, Baton Rouge, LA

Jeffrey P. Gold, MD, Toledo, OH

Guo-Wei He, MD, Hong Kong

Richard F. Heitmiller, MD, Baltimore, MD

William L. Holman, MD, Birmingham, AL

Eddie L. Hoover, MD, Buffalo, NY

Marshall L. Jacobs, MD, Philadelphia, PA

Michael E. Jessen, MD, Dallas, TX

David R. Jones, MD, Charlottesville, VA

Kirk R. Kanter, MD, Atlanta, GA

A. Pieter Kappetein, MD, PhD, Rotterdam,
the Netherlands

Hiromi Kurosawa, MD, Tokyo, Japan

François Lacour-Gayet, MD, Denver, CO

Joseph LoCicero III, MD, Brooklyn, NY

Michael J. Mack, MD, Dallas, TX

Joren C. Madsen, MD, Boston, MA

Hikaru Matsuda, MD, Hyogo, Japan

R. Scott Mitchell, MD, Stanford, CA

Friedrich W. Mohr, MD, Leipzig, Germany

Louis P. Perrault, Montreal, Quebec, Canada

Mark B. Ratcliffe, MD, San Francisco, CA

Gaetano Rocco, Naples, Italy

Tomas A. Salerno, MD, Miami, FL

Craig R. Smith, MD, New York, NY

Thoralf M. Sundt III, MD, Rochester, MN

Patricia A. Thistlethwaite, San Diego, California

Ryosuke Tsuchiya, MD, Tokyo, Japan

Jarle Vaage, MD, Oslo, Norway

Ernst Wolner, MD, Vienna, Austria

Douglas E. Wood, MD, Seattle, WA

Cameron D. Wright, MD, Boston, MA

Qing-Yu Wu, Beijing, China

MANAGING EDITOR

Heide M. Pusztay, Philadelphia, PA

SENIOR PRODUCTION EDITOR

Lori Johnson, New York, NY

Editorial Office

The Annals of Thoracic Surgery, 3440 Market St, Suite 306, Philadelphia, PA 19104-3325; Phone: (215) 349-5542;
Fax: (215) 614-0416;

e-mail: ats@uphs.upenn.edu; website: <http://ats.ctsnjournals.org>

To provide a place for ALL thoracic surgeons to relate experiences
which will help other practicing thoracic surgeons give better patient care.

Herbert Sloan, MD

Contents

Number 1 January 2007

1 EDITORIAL BOARD, JANUARY 2007

**3 GUEST REVIEWERS FOR
THE ANNALS OF THORACIC SURGERY**

EDITORIAL

9 At Last, Inequities in Reimbursement Modified by Real Evidence-Based Data
Frederick L. Grover, MD

**REPORT OF THE STS/AATS
WORKFORCE ON NOMENCLATURE
AND CODING**

12 Physician Payment for 2007: A Description of the Process by Which Major Changes in Valuation of Cardiothoracic Surgical Procedures Occurred
Peter K. Smith, MD, John E. Mayer, Jr, MD, Kirk R. Kanter, MD, Verdi J. DiSesa, MD, James M. Levett, MD, Cameron D. Wright, MD, Francis C. Nichols, III, MD, and Keith S. Naunheim, MD

EDITORIAL

21 When is HIT Really HIT?
Theodore E. Warkentin, MD, and Mark A. Crowther, MD

**ORIGINAL ARTICLES:
CARDIOVASCULAR**

24 Self-Management of Oral Anticoagulation Therapy Improves Long-Term Survival in Patients With Mechanical Heart Valve Replacement
Heinrich Koertke, MD, Armin Zittermann, PhD, Otto Wagner, and Reiner Koerfer, MD, PhD

30 Long-Term Outcomes in Valve Replacement Surgery for Infective Endocarditis
Scott P. Kaiser, BS, Spencer J. Melby, MD, Andreas Zierer, MD, Richard B. Schuessler, PhD, Marc R. Moon, MD, Nader Moazami, MD, Michael K. Pasque, MD, Charles Huddleston, MD, Ralph J. Damiano, Jr, MD, and Jennifer S. Lawton, MD

36 Subcoronary Ross Procedure in Patients With Active Endocarditis
Claudia Schmidtke, MD, Gerlinde Dahmen, MS, and Hans-H. Sievers, MD

40 Multicentered European Study on Safety and Effectiveness of the On-X Prosthetic Heart Valve: Intermediate Follow-Up
George M. Palatianos, MD, Axel M. Laczkovics, MD, Paul Simon, MD, Jose Luis Pomar, MD, Dietrich E. Birnbaum, MD, Hans H. Greve, MD, and Axel Haverich, MD

47 Altered Myocardial Shear Strains Are Associated With Chronic Ischemic Mitral Regurgitation
Tom C. Nguyen, MD, Allen Cheng, MD, Frank Langer, MD, Filiberto Rodriguez, MD, Robert A. Oakes, MD, Akinobu Itoh, MD, Daniel B. Ennis, PhD, David Liang, MD, PhD, George T. Daughters, MS, Neil B. Ingels, Jr, PhD, and D. Craig Miller, MD

55 Simple Risk Models to Predict Surgical Mortality in Acute Type A Aortic Dissection: The International Registry of Acute Aortic Dissection Score
Vincenzo Rampoldi, MD, Santi Trimarchi, MD, Kim A. Eagle, MD, Christoph A. Nienaber, MD, Jae K. Oh, MD, Eduardo Bossone, MD, Truls Myrmel, MD, Giuseppe M. Sangiorgi, MD, Carlo De Vincentiis, MD, Jeanna V. Cooper, MS, Jianming Fang, MD, MS, Dean Smith, PhD, Thomas Tsai, MD, Arun Raghupathy, MD, Rossella Fattori, MD, Udo Sechtem, MD, Michael G. Deeb, MD, Thoralf M. Sundt III, MD, and Eric M. Isselbacher, MD

62 Multivariate Predictors of Heart Transplantation Outcomes in the Era of Chronic Mechanical Circulatory Support
Stavros G. Drakos, MD, PhD, Abdallah G. Kfoury, MD, Edward M. Gilbert, MD, James W. Long, MD, PhD, James C. Stringham, MD, Elizabeth H. Hammond, MD, Kent W. Jones, MD, David A. Bull, MD, MaryBeth E. Hagan, NP, Jan W. Folsom, RN, Benjamin D. Horne, MPH, PhD, and Dale G. Renlund, MD

68 Effect of Sildenafil on Pulmonary Artery Pressure, Systemic Pressure, and Nitric Oxide Utilization in Patients With Left Ventricular Assist Devices
Charles T. Klodell, Jr, MD, Timothy E. Morey, MD, Emilio B. Lobato, MD, Juan M. Aranda, Jr, MD, Edward D. Staples, MD, Richard S. Schofield, MD, Philip J. Hess, MD, Tomas D. Martin, MD, and Thomas M. Beaver, MD

72 Impact of Heparin-Induced Thrombocytopenia on Outcome in Patients With Ventricular Assist Device Support: Single-Institution Experience in 358 Consecutive Patients
 Andreas Koster, MD, Sabine Huebler, MD, Evgenij Potapov, MD, Oliver Meyer, MD, Michael Jurmann, MD, Yuguo Weng, MD, Miralem Pasic, MD, Thorsten Drews, MD, Hermann Kuppe, MD, Matthias Loebe, MD, and Roland Hetzer, MD

77 Superior Transseptal Approach to Mitral Valve Is Associated With a Higher Need for Pacemaker Implantation Than the Left Atrial Approach
 Peter Lukac, MD, PhD, Vibeke E. Hjortdal, MD, PhD, Anders K. Pedersen, MD, DMSc, Peter T. Mortensen, MD, Henrik K. Jensen, MD, PhD, and Peter S. Hansen, MD, PhD

83 Clinical Utility of Tissue Doppler Imaging in Prediction of Atrial Fibrillation After Coronary Artery Bypass Grafting
 Umberto Benedetto, MD, Giovanni Melina, MD, Antonino Roscitano, MD, Giuseppe M. Ciavarella, MD, Euclide Tonelli, MD, and Riccardo Sinatra, MD

89 Ventricular Epicardial Lead Placement for Resynchronization by Determination of Paced Depolarization Intervals: Technique and Rationale
 James R. Edgerton, MD, Zachary J. Edgerton, Michael J. Mack, MD, Shannon Hoffman, RN, Todd M. Dewey, MD, and Morley A. Herbert, PhD

93 Impact of Diabetes on Five-Year Outcomes of Patients With Multivessel Coronary Artery Disease
 Whady Hueb, MD, Bernard J. Gersh, MB, ChB, Fernando Costa, MD, Neuza Lopes, MD, Paulo R. Soares, MD, Paulo Dutra, MD, Fabio Jatene, MD, Alexandre C. Pereira, MD, Aécio F. T. Góis, MD, Sergio A. Oliveira, MD, and José A. F. Ramires, MD

100 Is Early Too Early? Effect of Shorter Stays After Bypass Surgery
CME Patricia A. Cowper, PhD, Elizabeth R. DeLong, PhD, Edward L. Hannan, PhD, Lawrence H. Muhlbauer, PhD, Barbara L. Lytle, MS, Robert H. Jones, MD, William L. Holman, MD, Janel J. Pokorny, MS, Judith A. Stafford, MS, Daniel B. Mark, MD, and Eric D. Peterson, MD, MPH
Invited Commentary
 Kevin Accola, MD

108 Seven-Year Follow-up After Minimally Invasive Direct Coronary Artery Bypass: Experience With More Than 1300 Patients
 David M. Holzhey, MD, Stephan Jacobs, MD, Michael Mochalski, MD, Thomas Walther, MD, PhD, Holger Thiele, MD, PhD, Friedrich W. Mohr, MD, PhD, and Volkmar Falk, MD, PhD

115 Early and Midterm Results of Off-Pump Coronary Artery Bypass Grafting
 Toshihiro Fukui, MD, Shuichiro Takanashi, MD, Yasuyuki Hosoda, MD, and Shigefumi Suehiro, MD

120 Angiographic Fate of Collateral Vessels After Surgical Revascularization of the Totally Occluded Left Anterior Descending Artery
 Yoshiyuki Takami, MD, and Hiroshi Masumoto, MD

126 Temperature Changes Stimulate Contraction in the Human Radial Artery and Affect Response to Vasoconstrictors
 Aung Y. Oo, FRCS (CTh), Alan R. Conant, PhD, Michael R. Chester, MRCP, MD, Walid C. Dihmis, FRCS (CTh), and Alec W. M. Simpson, DPhil
Invited Commentary
 Arnaud Mommerot, MD, and Louis P. Perrault, MD, PhD

134 Dose-Related Efficacy of Aspirin After Coronary Surgery in Patients With PI^{A2} Polymorphism (NCT00262275)
 Eric Lim, MS, FRCS(C-Th), Sebastian Carballo, PhD, Jacqueline Cornelissen, PhD, Ziad A. Ali, MRCS, MRCP, Robert Grignani, PhD, Sarah Bellm, BS, and Stephen Large, FRCS
Invited Commentary
 Hyun-Sung Lee, MD, PhD

140 Is Extracorporeal Life Support Contraindicated in Elderly Patients?
 Shunsuke Saito, MD, Takeshi Nakatani, MD, Junjiro Kobayashi, MD, Osamu Tagusari, MD, Ko Bando, MD, Kazuo Niwaya, MD, Hiroyuki Nakajima, MD, Shunichi Miyazaki, MD, Toshikatsu Yagihara, MD, and Soichiro Kitamura, MD
Invited Commentary
 Ulrich F. W. Franke, MD, FETCS

146 Leukocyte Effects of C5a-Receptor Blockade During Simulated Extracorporeal Circulation
 Christine S. Rinder, MD, Michael J. Smith, PhD, Henry M. Rinder, MD, Daniel N. Cortright, PhD, Robbin M. Brodbeck, PhD, James E. Krause, PhD, and Brian R. Smith, MD
Invited Commentary
 Knut Tore Lappégaard, MD, PhD

153 Neutrophil Elastase Inhibitor, Sivelestat, Attenuates Acute Lung Injury After Cardiopulmonary Bypass in the Rabbit Endotoxemia Model
Fuminori Wakayama, MD, Ikuo Fukuda, MD, Yasuyuki Suzuki, MD, and Norihiro Kondo, MD
Invited Commentary
Michael E. Jessen, MD

161 Risk of Surgery for Congenital Heart Disease in the Adult: A Multicentered European Study
Vladimiro L. Vida, MD, Hakan Berggren, MD, William J. Brawn, MD, Willem Daenen, MD, Duccio Di Carlo, MD, Roberto Di Donato, MD, Harald L. Lindberg, MD, Antonio F. Corno, MD, Jose Fragata, MD, Martin J. Elliott, MD, Viktor Hraska, MD, Lazlo Kiraly, MD, Francois Lacour-Gayet, MD, Bohdan Maruszewski, MD, Jean Rubay, MD, Heikki Sairanen, MD, George Sarris, MD, Andreas Urban, MD, Carin Van Doorn, MD, Gerhard Ziemer, MD, and Giovanni Stellin, MD

169 Infant Heart Transplantation Ten Years Later—Where Are They Now?
Sanjiv K. Gandhi, MD, Charles E. Canter, MD, Agnieszka Kulikowska, MD, and Charles B. Huddleston, MD

173 Surgery for Transposition of the Great Arteries in Neonates Weighing Less Than 2,000 Grams: A Consecutive Series of 25 Patients
Régine Roussin, MD, Emre Belli, MD, Jacqueline Bruniaux, MD, Serge Demontoux, MD, Anita Touchot, MD, Claude Planché, MD, and Alain Serraf, MD, PhD

179 Measurement of Technical Performance in Congenital Heart Surgery: A Pilot Study
Luis Alesandro Larrazabal, MD, Pedro J. del Nido, MD, Kathy J. Jenkins, MD, MPH, Kimberlee Gauvreau, ScD, Ronald Lacro, MD, Steve D. Colan, MD, Frank Pigula, MD, Oscar J. Benavidez, MD, Francis Flynn-Thompson, MD, John E. Mayer, Jr, MD, and Emile A. Bacha, MD

185 Right Ventricular Outflow Tract Reconstruction With Contegra Monocuspid Transannular Patch in Tetralogy of Fallot
Bruno Chiappini, MD, PhD, Catherine Barrea, MD, and Jean Rubay, MD, PhD

188 Pulmonary Arterial Reconstruction for Pulmonary Coarctation in Early Infancy
CME Takeshi Shinkawa, MD, Masaaki Yamagishi, MD, PhD, Keisuke Shunoh, MD, Takako Miyazaki, MD, Takahiro Hisaoka, MD, and Hitoshi Yaku, MD, PhD

ORIGINAL ARTICLES: GENERAL THORACIC

193 Routine Evaluation for Aspiration After Thoracotomy for Pulmonary Resection
CME W. Brent Keeling, MD, Vicki Lewis, MA, CCC-SLP, Elizabeth Blazick, PA-C, Thomas S. Maxey, MD, Joseph R. Garrett, ARNP, and K. Eric Sommers, MD
Invited Commentary
Mark Allen, MD

197 Recurrence Patterns in Patients With Early Stage Non-Small Cell Lung Cancers Undergoing Positive Pleural Lavage Cytology
Yukitoshi Satoh, MD, PhD, Rira Hoshi, CT, Yuichi Ishikawa, MD, PhD, Takeshi Horai, MD, PhD, Sakae Okumura, MD, and Ken Nakagawa, MD
Invited Commentary
Eric Lim

204 Clinical Relevance of Intraoperative Pleural Lavage Cytology in Non-Small Cell Lung Cancer
Tatsuo Nakagawa, MD, Norihito Okumura, MD, Yujiro Kokado, MD, Kentaroh Miyoshi, MD, Tomoaki Matsuoka, MD, and Kotaro Kameyama, MD

209 Prognostic Significance of a Histologic Subtype in Small Adenocarcinoma of the Lung: The Impact of Nonbronchioloalveolar Carcinoma Components
Yukinori Sakao, MD, PhD, Hideaki Miyamoto, MD, PhD, Motoki Sakuraba, MD, PhD, Tsumin Oh, MD, Kazu Shiomi, MD, Satoshi Sonobe, MD, PhD, and Hiroshi Izumi, MD, PhD
Invited Commentary
Giuseppe Pelosi, MD, and Juan Rosai, MD

216 Clinical Value of Serum Cytokeratin 19 Fragment and Sialyl-Lewis X in Non-Small Cell Lung Cancer
Shinjiro Mizuguchi, MD, PhD, Noritoshi Nishiyama, MD, PhD, Takashi Iwata, MD, PhD, Tatsuya Nishida, MD, PhD, Nobuhiro Izumi, MD, PhD, Takuma Tsukioka, MD, Kiyotoshi Inoue, MD, PhD, Masao Kameyama, MD, PhD, and Shigefumi Suehiro, MD, PhD
Invited Commentary
Thomas D'Amico, MD

223 Superior Vena Cava Resection for Lung and Mediastinal Malignancies: A Single-Center Experience With 70 Cases
Lorenzo Spaggiari, MD, PhD, Francesco Leo, MD, PhD, Giulia Veronesi, MD, Piergiorgio Solli, MD, Domenico Galetta, MD, Brunilda Tatani, MD, Francesco Petrella, MD, and Davide Radice, PhD

231 Oligometastatic Non-Small Cell Lung Cancer: A Multidisciplinary Approach in the Positron Emission Tomographic Scan Era
Tommaso M. De Pas, MD, Filippo de Braud, MD, Gianpiero Catalano, MD, Carlo Putzu, MD, Giulia Veronesi, MD, Francesco Leo, MD, Piero G. Solli, MD, Daniela Brambilla, PhD, Giovanni Paganelli, MD, and Lorenzo Spaggiari, MD, PhD
Invited Commentary
Joachim Pfannschmidt, MD

236 Role of Surgery in the Treatment of Primary Pulmonary B-Cell Lymphoma
Frederic Vanden Eynden, MD, Elie Fadel, MD, Marc de Perrot, MD, MS, Vincent de Montpreville, MD, Sacha Mussot, MD, and Philippe Darteville, MD

241 Lung Volume Reduction Surgery in Patients With Emphysema and α -1 Antitrypsin Deficiency
James K. Stoller, MD, MS, Thomas R. Gildea, MD, Andrew L. Ries, MD, MPH, Yvonne M. Meli, RN, and Matthew T. Karafa, PhD

252 Cytokine Response is Lower After Lung Volume Reduction Through Bilateral Thoracoscopy Versus Sternotomy
Michael E. Frisia, MD, Jianliang Zhu, MD, Jeffrey W. Kolff, MD, Zhen Chen, PhD, Larry R. Kaiser, MD, Clifford S. Deutschman, MD, and Joseph B. Shrager, MD

257 Feasibility and Utility of a Lung Donor Score: Correlation With Early Post-Transplant Outcomes
Takahiro Oto, MD, Bronwyn J. Levvey, RN, Helen Whitford, MD, Anne P. Griffiths, FRCNA, Tom Kotsimbos, MD, Trevor J. Williams, MD, and Gregory I. Snell, MD
Invited Commentary
John Dark, FRCS

265 Intrathoracic Periesophageal Fundoplication for Short Esophagus: A 20-Year Experience
Francesco Volonté, MD, Jean-Marie Collard, MD, PhD, Louis Goncette, MD, Christian Gutschow, MD, and Paolo Strignano, MD

272 NEW TECHNOLOGY

Introduction to Thoracic Endografting: Imaging, Guidewires, Guiding Catheters, and Delivery Sheaths
Grayson H. Wheatley III, MD, Robert McNutt, RT, and Edward B. Diethrich, MD

279 Arrow CorAide Left Ventricular Assist System: Initial Experience of the Cardio-Thoracic Surgery Center in Pavia
Fabrizio Gazzoli, MD, Alessia Alloni, MD, Francesco Pagani, MD, Carlo Pellegrini, MD, Antonio Longobardi, MD, Davide Ricci, MD, Mauro Rinaldi, MD, and Mario Viganò, MD
Invited Commentary
Stephen Large, FRCS

CASE REPORTS

283 Can a Falling Bullet Be Lethal at Terminal Velocity? Cardiac Injury Caused by a Celebratory Bullet
Angelo N. Incorvaia, MD, Despina M. Poulos, MPH, Robert N. Jones, MD, and James M. Tschirhart, MD

284 Implantation of the CoreValve Percutaneous Aortic Valve
Yoan Lamarche, MD, Raymond Cartier, MD, André Y. Denault, MD, Arsène Basmadjian, MD, Colin Berry, MD, PhD, Jean-Claude Laborde, MD, and Raoul Bonan, MD

287 Successful Aortic Valve Replacement for Heyde Syndrome With Confirmed Hematologic Recovery
Atsutomo Morishima, MD, Akira Marui, MD, PhD, Takeshi Shimamoto, MD, Yoshiaki Saji, MD, Keiichi Tambara, MD, PhD, Takeshi Nishina, MD, PhD, and Masashi Komeda, MD, PhD

289 Concomitant Traumatic Aortic Valve and Coronary Artery Injury
Shigeaki Aoyagi, MD, Teiji Okazaki, MD, Shuji Fukunaga, MD, and Tomohiro Ueda, MD

291 Surgical Treatment of Bilateral Aneurysmal Coronary to Pulmonary Artery Fistulas Associated With Severe Atherosclerosis
Salah A. M. Said, MD, Willem G. de Voogt, MD, PhD, Mohamed Soliman Hamad, MD, and Jacques Schonberger, MD, PhD

293 Temporary Perfusion for Mesenteric Ischemia With Acute Type A Aortic Dissection
Yoshihiro Okada, MD, Mitsunori Okimoto, MD, Masayoshi Katsumata, MD, and Shigeyasu Takeuchi, MD

295 Takotsubo Cardiomyopathy: Expanding the Differential Diagnosis in Cardiothoracic Surgery
Marius Berman, MD, Milton Saute, MD, Eyal Porat, MD, Mordechai Vaturi, MD, Leslie Paul-Kislin, MD, Bernardo A. Vidne, MD, and Alexander Kogan, MD

298 Bi-Ventricular Circulatory Support With the Abiomed AB5000 System in a Patient With Idiopathic Refractory Ventricular Fibrillation
Li Zhang, MD, MS, Emmanouil I. Kapetanakis, MD, Richard H. Cooke, MD, Leslie C. Sweet, RN, and Steven W. Boyce, MD

300 Thoracoscopic Microwave Epicardial Ablation: Feasibility for the Treatment of Idiopathic Sinus Node Tachycardia
Adrian H. Shandler, MD, Daniel Rieders, MD, and Daniel M. Bethencourt, MD

302 Preoperative Embolization Followed by Surgical Excision of an Intrapericardial Pheochromocytoma
Ased M. Ali, MRCS, Mohan Devbhandari, MRCS, Anand Sastry, MRCS, Raymond Joel Ashleigh, FRCR, and Mark Trevor Jones, FRCS

304 Ebstein's Anomaly of the Tricuspid Valve in Combination of Tetralogy of Fallot: Total Correction in Infancy
Chao-Han Lai, MD, Jing-Ming Wu, MD, and Yu-Jen Yang, MD, PhD

306 Bridge to Transplantation With a Left Ventricular Assist Device for Systemic Ventricular Failure After Mustard Procedure
Robert S. George, BS, MRCS, Emma J. Birks, MRCP, PhD, Rosemary C. Radley-Smith, FRCP, Asghar Khaghani, FRCS, and Magdi Yacoub, FRS

308 Lung Large Cell Carcinoma Producing Granulocyte-Colony-Stimulating Factor
Sachiko Hasegawa, MD, Takashi Suda, MD, Koji Negi, MD, and Yoshinobu Hattori, MD

310 Large Clear Cell Tumor of the Lung Mimicking Malignant Behavior
Alpha M. Kavunkal, MCh, Murugu Sundara Pandiyan, MCh, Madhu Andrew Philip, MCh, K. N. Parimelazhagan, MCh, Marie T. Manipadam, MD, and Vijit Koshy Cherian, MCh

312 ^{11}C -Acetate and ^{18}F -Fluorodeoxyglucose Positron Emission Tomography of Pulmonary Adenocarcinoma
Masahiro Kaji, MD, PhD, Hiroaki Nomori, MD, PhD, Kenichi Watanabe, MD, PhD, Takashi Ohtsuka, MD, PhD, Tsuguo Naruke, MD, PhD, Keiichi Suemasu, MD, PhD, and Kimiichi Uno, MD, PhD

314 Prolonged Survival Due to Spontaneous Regression and Surgical Excision of Malignant Mesothelioma
John E. Pilling, MRCS, Andrew G. Nicholson, FRCPPath, Clive Harmer, FRCP, and Peter Goldstraw, FRCS

315 Ectopic Pleural Thymoma Presenting as a Giant Mass in the Thoracic Cavity
Koji Yamazaki, MD, Ichiro Yoshino, MD, Taro Oba, MD, Tomofumi Yohena, MD, Toshifumi Kameyama, MD, Tetsuzo Tagawa, MD, Daigo Kawano, MD, Hidenori Koso, MD, and Yoshihiko Maehara, MD

317 Minimally Invasive Management of Boerhaave's Syndrome
Ahmad S. Ashrafi, MD, Omar Awais, DO, and Miguel Alvelo-Rivera, MD

IMAGES IN CARDIOTHORACIC SURGERY

e-Only Content

e1 Primary Sarcoma of the Thoracic Aorta
Nicholas T. Kouchoukos, MD, and Paolo Masetti, MD

e2 Bilateral Congenital Cystic Adenomatoid Malformation
Ming-Tsung Chuang, MD, Twei-Shiun Jaw, MD, Heong-Ieng Wong, MD, Chia-Ying Lu, MD, and Jui-Sheng Hsu, MD, PhD

320 Troubleshooting for a Stuck Balloon-Catheter
Peter Matt, MD, Hans-Reinhard Zerkowski, MD, Matthias Pfisterer, MD, and Wolfgang Brett, MD

321 Tension Pneumopericardium Caused by Pericarditis
Jun Li, MD, Alfred Omo, MD, Tao Chen, MD, Zhi Zheng, MD, and Tiechen Pan, MD

HOW TO DO IT

322 The "Hybrid Flip-Over" Technique for Anterior Leaflet Prolapse Repair
Thierry G. Mesana, MD, PhD, Moheb Ibrahim, MD, Alexander Kulik, MD, Marc Ruel, MD, MPH, Karen Dover, MD, Donna Nicholson, MD, and Mark Hynes, MD

324 The Mitral Hooks: Visualization of Mitral Valve Made Easy
Suresh Babu Kale, MCh, DNB, and Shrikant Dada Kole, MCh

326 Tube-Graft Inversion for the Construction of an "Open" Distal Anastomosis During Ascending Aortic Replacement: A New Technique
Christos Alexiou, FRCS, PhD, and Andrzej W. Sosnowski, MD, FRCS

329 Cardiac Luxation to Facilitate Off-Pump Bilateral Lung Transplantation
Hester T. Visser, MD, Michiel E. Erasmus, MD, PhD, and Tjark Ebels, MD, PhD

REVIEWS

331 Current Strategies in the Surgical Treatment of Atrial Fibrillation: Review of the Literature and Onze Lieve Vrouw Clinic's Strategy
Ihsan Bakir, MD, Filip P. Casselman, MD, PhD, Pedro Brugada, MD, PhD, Peter Geelen, MD, PhD, Francis Wellens, MD, Ivan Degrieck, MD, Frank Van Praet, MD, Yvette Vermeulen, MS, Raphael De Geest, MD, and Hugo Vanermen, MD, FETCS

341 Multi-Detector Computed Tomography in Coronary Artery Bypass Graft Assessment: A Meta-Analysis
Catherine M. Jones, MBBS, BS, Thanos Athanasiou, MD, FECTS, Nicola Dunne, MBBS, Joanne Kirby, MbChB, Omer Aziz, MRCS, BS, Ahmed Haq, MBBS, Christopher Rao, BS, Vasilis Constantinides, MBBS, BS, Sanjay Purkayastha, MRCS, BS, and Ara Darzi, FRCS, KBE

OUR SURGICAL HERITAGE

349 The Critical Role of Physiologist John A. Johnson in the Origins of Minnesota's Billion Dollar Pacemaker Industry
Vincent L. Gott, MD

CORRESPONDENCE

354 Are We Using the Right Fluid Mechanics Principles?
Lyes Kadem, Eng, PhD, and Damien Garcia, Eng, PhD

Reply

Kazunori Yoshida, MD, Satoshi Tobe, MD, and Masahiro Yamaguchi, MD

355 Caution With the Use of Recombinant Activated Factor VII in Treating Postoperative Hemorrhage in Cardiac Surgery
Sharif Al-Ruzzeh, PhD, FRCS, Amr Mahmoud, MS, FCARCSI, Samir Shah, MS, FRCS, and David O'Regan, MD, FRCS

Reply

James Tatoulis, MB, BS

356 Coronary Reimplantation During Jatene Procedure
Murat Ugurlucan, MD, Benguhan Surmen, MD, Omer Ali Sayin, MD, Erol Nargileci, MD, and Emin Tireli, MD, Prof

Reply

Chung-Dann Kan, MD, and Yu-Jen Yang, MD, PhD

358 Has Smoking Status Only a Prognostic Value in Patients With Stage I Pulmonary Adenocarcinomas?
Peyman Sardari Nia, MD, and Paul Van Schil, MD

358 One-Year Follow-Up After Thoracoscopic Sympathectomy for Hyperhidrosis
Rafael Reisfeld, MD, FACS

359 "Downhill" Varices—Banding Proximal To Varix?
Saurabh S. Dhawan, MD

ANNOUNCEMENTS

A-40 Information for Authors

A-45 Conditions for Publication Form

A-47 Guidelines for Reviewers

A-49 Events of Interest

46 Online Discussion Forum

88 Requirements for Recertification/Maintenance of Certification in 2007

114 Notice From the American Board of Thoracic Surgery Regarding Trainees and Candidates for Certification Who Are Called to Military Service Related to the War on Terrorism

133 Notice From the American Board of Thoracic Surgery

178 The Society of Thoracic Surgeons Policy Action Center

215 The Society of Thoracic Surgeons: Forty-Third Annual Meeting

222 Southern Thoracic Surgical Association: Fifty-Fourth Annual Meeting

230 Member and Individual Subscriber Access to the Online Annals

235 Thoracic Surgery Foundation for Research and Education

A-53	Classified Advertisements	A-64	Southern Thoracic Surgical Association Rules for Submission of Abstracts
A-63	Index to Advertisers		

Number 2 February 2007

PRESIDENTIAL ADDRESS

361 Navigating the New "Flat World" of Cardiothoracic Surgery
Sidney Levitsky, MD

EDITORIALS

370 Why Serial Assessments of Cardiac Surgery Patients' Neurobehavioral Performances are Misleading
Julian R. Keith, PhD, Dale J. Cohen, PhD, and Len B. Lecci, PhD

374 Coronary Artery Bypass Grafting Baseline Cognitive Assessment: Essential Not Optional
Ola A. Selnnes, PhD, and Scott L. Zeger, PhD

ORIGINAL ARTICLES: GENERAL THORACIC

377 Triage and Outcome of Patients with Mediastinal Penetrating Trauma
CME Joshua H. Burack, MD, Emad Kandil, MD, Ahmed Sawas, BS, Patricia A. O'Neill, MD, Salvatore J. A. Sclafani, MD, Robert C. Lowery, MD, and Michael E. Zenilman, MD

Invited Commentary
Kenneth Mattox, MD

383 Video-Assisted Thoracoscopic Surgery in the Treatment of Chest Trauma: Long-Term Benefit
Alon Ben-Nun, MD, PhD, Michael Orlovsky, MD, and Lael Anson Best, MD

Invited Commentary
Stephen R. Hazelrigg, MD

388 Recurrent Laryngeal Nerve Monitoring During Mediastinoscopy: Predictors of Injury
John R. Roberts, MD, and James Wadsworth, BS

393 Descending Necrotizing Mediastinitis Treated With Rapid Sternotomy Followed by Vacuum-Assisted Therapy
Michael Gorlitzer, MD, Martin Grabenwoeger, MD, Johann Meinhart, PhD, Herwig Swoboda, MD, Wolfgang Oczenski, MD, Nikolaus Fiegl, MD, and Ferdinand Waldenberger, MD

Invited Commentary
Michael Lanuti, MD

397 Surgical Resection for Multifocal (T4) Non-Small Cell Lung Cancer: Is the T4 Designation Valid?
Jeffrey L. Port, MD, Robert J. Korst, MD, Paul C. Lee, MD, Amanda L. Kansler, MPH, Yaniv Kerem, BA, and Nasser K. Altorki, MD

Invited Commentary
Jean Deslauriers, MD, FRCS(C)

402 Flexible Videopericardioscopy in cT4 Nonsmall-Cell Lung Cancer With Radiologic Evidence of Proximal Vascular Invasion
Eugenio Pompeo, MD, Federico Tacconi, MD, and Tommaso C. Mineo, MD

409 Survival After Recurrent Nonsmall-Cell Lung Cancer After Complete Pulmonary Resection
Hiroshi Sugimura, MD, Francis C. Nichols, MD, Ping Yang, MD, PhD, Mark S. Allen, MD, Stephen D. Cassivi, MD, Claude Deschamps, MD, Brent A. Williams, MS, and Peter C. Pairolo, MD

419 Preoperative Serum Carcinoembryonic Antigen Level is a Prognostic Factor in Women With Early Non-Small-Cell Lung Cancer
Wen-Hu Hsu, MD, Chien-Sheng Huang, MD, Han-Shui Hsu, MD, Wen-Jen Huang, MD, Hui-Chen Lee, BS, Biing-Shiun Huang, MD, PhD, and Min-Hsiung Huang, MD

Invited Commentary
Joe B. Putnam, Jr, MD

425 Morbidity of Lung Resection After Prior Lobectomy: Results from the Veterans Affairs National Surgical Quality Improvement Program
Philip A. Linden, MD, Beow Y. Yeap, ScD, Michael Y. Chang, MD, William G. Henderson, PhD, Michael T. Jaklitsch, MD, Shukri Khuri, MD, David J. Sugarbaker, MD, and Raphael Bueno, MD

433 Duodenal Reflux Leads to Down Regulation of DNA Mismatch Repair Pathway in an Animal Model of Esophageal Cancer
Pramod Bonde, MD, MS, Daqing Gao, PhD, Lei Chen, PhD, Tomoharu Miyashita, MD, Elizabeth Montgomery, MD, PhD, John W. Harmon, MD, and Chiming Wei, MD, PhD

**J. MAXWELL CHAMBERLAIN
MEMORIAL PAPER FOR ADULT
CARDIAC SURGERY**

441 Stent-Grafting of the Thoracic Aorta by the Cardiothoracic Surgeon
CME
Burkhart Zipfel, MD, Robert Hammerschmidt, MD, Thomas Krabatsch, MD, PhD, Semih Buz, MD, Yuguo Weng, MD, PhD, and Roland Hetzer, MD, PhD

**ORIGINAL ARTICLES:
CARDIOVASCULAR**

450 Results After Endovascular Stent Graft Placement in Atherosclerotic Aneurysms Involving the Descending Aorta
Martin Czerny, MD, Michael Grimm, MD, Daniel Zimpfer, MD, Suzanne Rodler, MD, Roman Gottardi, MD, Doris Hutschala, MD, Johannes Lammer, MD, Ernst Wolner, MD, and Maria Schoder, MD

456 Usefulness of Transcranial Motor Evoked Potentials During Thoracoabdominal Aortic Surgery
Yujiro Kawanishi, MD, Hiroshi Munakata, MD, Masamichi Matsumori, MD, Hiroshi Tanaka, MD, Teruo Yamashita, MD, Keitaro Nakagiri, MD, Kenji Okada, MD, and Yutaka Okita, MD

462 Training of Cardiac Surgeons for Bosnia and Herzegovina: Outcomes in Coronary Bypass Grafting Surgery
Jacob Bergsland, MD, Emir Kabil, MD, PhD, Emir Mujanovic, MD, PhD, Ibrahim Terzic, MD, Jo Røislien, PhD, Jan L. Svennevig, MD, PhD, and Erik Fosse, MD, PhD

468 Coronary Artery Bypass for Heart Failure in Ischemic Cardiomyopathy: 17-Year Follow-Up
Marco Pocar, MD, PhD, Andrea Moneta, MD, Adalberto Grossi, MD, and Francesco Donatelli, MD

475 Neurocognitive Function and Cerebral Emboli: Randomized Study of On-Pump Versus Off-Pump Coronary Artery Bypass Surgery
Reza Motallebzadeh, MRCS, J. Martin Bland, PhD, Hugh S. Markus, FRCP, Juan Carlos Kaski, MD, DSc, and Marjan Jahangiri, FRCS

483 Discharge to Home Rates Are Significantly Lower for Octogenarians Undergoing Coronary Artery Bypass Graft Surgery
Hasmet Bardakci, MD, Faisal H. Cheema, MD, Veli K. Topkara, MD, Nicholas C. Dang, MD, Timothy P. Martens, MD, Michelle L. Mercando, Catherine S. Forster, Ariel A. Benson, Isaac George, MD, Mark J. Russo, MD, Mehmet C. Oz, MD, and Barry C. Esrig, MD

490 Value of Magnetic Resonance Imaging, Angiography, and Fractional Flow Reserve to Evaluate the Left Main Coronary Artery After Direct Surgical Angioplasty
Cornelis J. Botman, MD, Hans Post, MD, PhD, Olaf Penn, MD, PhD, and Nico Pijls, MD, PhD
Invited Commentary
Robert A. E. Dion, MD

496 Long-Term Results of the Left Anterior Descending Coronary Artery Reconstruction With Left Internal Thoracic Artery
Temucin Noyan Ogus, Murat Basaran, MD, Ozer Selimoglu, MD, Tekin Yildirim, MD, Halide Ogus, MD, Hamiyet Ozcan, MD, and Melih Hulusi Us

502 Radial Artery Graft Treatment With Phenoxybenzamine is Clinically Safe and May Reduce Perioperative Myocardial Injury
Alexander Kulik, MD, Fraser D. Rubens, MD, MS, Derek Gunning, MD, Michael E. Bourke, MD, Thierry G. Mesana, MD, PhD, and Marc Ruel, MD, MPH
Invited Commentary
William L. Holman, MD

510 Regulation of Human Internal Mammary and Radial Artery Contraction by Extracellular and Intracellular Calcium Channels and Cyclic Adenosine 3', 5' Monophosphate
Golam Rabbani, MD, Venkataramana Vijay, MD, Mohan R. Sarabu, MD, and Sachin A. Gupte, MD, PhD
Invited Commentary
Louis P. Perrault, MD, PhD, and Arnaud Mommerot, MD

517 Novel Bioengineered Small Caliber Vascular Graft With Excellent One-Month Patency
Yosuke Ishii, MD, Russell T. Kronengold, PhD, Renu Virmani, MD, Elias A. Rivera, MHS, Scott M. Goldman, MS, Ericka J. Prechtel, MS, Richard B. Schuessler, PhD, and Ralph J. Damiano, Jr, MD

526 Surgical Treatment of Postinfarction Left Ventricular Pseudoaneurysm
Fernando A. Atik, MD, Jose L. Navia, MD, Pablo Ruda Vega, MD, Gonzalo V. Gonzalez-Stawinski, MD, Joan M. Alster, MS, A. Marc Gillinov, MD, Lars G. Svensson, MD, PhD, B. Gösta Pettersson, MD, PhD, Bruce W. Lytle, MD, and Eugene H. Blackstone, MD

532 Do Cardiac Neuropeptides Play a Role in the Occurrence of Atrial Fibrillation After Coronary Bypass Surgery?
Niyazi Guler, MD, Cenap Ozkara, MD, Haluk Dulger, MD, Veysel Kutay, MD, Musa Sahin, MD, Enver Erbilen, MD, and Hasan Ali Gumrukcuoglu, MD

538 Intraoperative Epicardial Electrophysiologic Mapping and Isolation of Autonomic Ganglionic Plexi
John R. Mehall, MD, Robert M. Kohut, Jr, BS, E. William Schneeberger, MD, Tsuyoshi Taketani, MD, Walter H. Merrill, MD, and Randall K. Wolf, MD

542 Early Detection of Mechanical Valve Dysfunction Using a New Home Monitoring Device
Dirk Fritzsche, MD, PhD, Thomas Eitz, MD, Axel Laczkovics, MD, Andreas Liebold, MD, Michael Knaut, MD, Klaus Matschke, MD, Alex Sagie, MD, Uwe Mehlhorn, MD, Dieter Horstkotte, MD, and Reiner Koerfer, MD

549 Early Antithrombotic Therapy for Aortic Valve Bioprostheses: Is There an Indication for Routine Use?
W. R. Eric Jamieson, MD, Susan D. Moffatt-Bruce, MD, Peter Skarsgard, MD, Majdi Abdel Hadi, MD, Jian Ye, MD, Guy J. Fradet, MD, James G. Abel, MD, Michael T. Janusz, MD, Anson Cheung, MD, and Eva Germann, MS

558 Mitral Valve Repair Versus Replacement in Simultaneous Mitral and Aortic Valve Surgery for Rheumatic Disease
Kenji Kuwaki, MD, PhD, Nobuyoshi Kawaharada, MD, PhD, Kiyofumi Morishita, MD, PhD, Tetsuya Koyanagi, MD, Hisayoshi Osawa, MD, PhD, Toshiyuki Maeda, MD, and Tetsuya Higami, MD, PhD

564 Mitral Valve Repair and Replacement in Endocarditis: A Systematic Review of Literature
Harm H. H. Feringa, MD, Leslee J. Shaw, PhD, Don Poldermans, MD, PhD, Sanne Hoeks, MS, Ernst E. van der Wall, MD, PhD, Robert A. E. Dion, MD, PhD, and Jeroen J. Bax, MD, PhD
Invited Commentary
Kenton J. Zehr, MD

572 Bivalirudin During Cardiopulmonary Bypass in Patients With Previous or Acute Heparin-Induced Thrombocytopenia and Heparin Antibodies: Results of the CHOOSE-ON Trial
Andreas Koster, MD, Cornelius M. Dyke, MD, Gabriel Aldea, MD, Nicholas G. Smedira, MD, Harry L. McCarthy II, CCP, Solomon Aronson, MD, Roland Hetzer, MD, Edwin Avery, MD, Bruce Spiess, MD, and A. Michael Lincoff, MD

578 Cell Salvage Alters the Systemic Inflammatory Response After Off-Pump Coronary Artery Bypass Grafting Surgery
Stephen J. Allen, MD, William T. McBride, MD, Terence J. McMurray, MD, Anne S. Phillips, MD, S. Prasad Penugonda, MB BCh, Gianfranco Campalani, MD, Ian S. Young, PhD, and Marilyn A. Armstrong, PhD

586 Minimally Invasive Closed Circuit Versus Standard Extracorporeal Circulation for Aortic Valve Replacement
Alessandro Castiglioni, MD, Alessandro Verzini, MD, Federico Pappalardo, MD, Nicola Colangelo, CCP, Lucia Torracca, MD, Alberto Zangrillo, MD, and Ottavio Alfieri, MD

592 Prevalence of Heparin/Platelet Factor 4 Antibodies Before and After Cardiac Surgery
Brendan M. Everett, MD, Robert Yeh, MD, Shi Yin Foo, MD, PhD, David Criss, MD, Elizabeth M. Van Cott, MD, Michael Laposata, MD, PhD, Edwin G. Avery, MD, William D. Hoffman, MD, Jennifer Walker, MD, David Torchiana, MD, and Ik-Kyung Jang, MD, PhD

598 Endothelial Progenitor Cells are Mobilized After Cardiac Surgery
Neil Roberts, MRCS, Qingzhong Xiao, MD, Graeme Weir, MRCS, Qingbo Xu, PhD, and Marjan Jahangiri, FRCS

606 Adults Undergoing Cardiac Surgery at a Children's Hospital: An Analysis of Perioperative Morbidity
Joseph W. Rossano, MD, E. O'Brian Smith, PhD, Charles D. Fraser, Jr, MD, E. Dean McKenzie, MD, Anthony C. Chang, MD, Amy Hemingway, RN, CPNP, Jack F. Price, MD, Heather A. Dickerson, MD, and Antonio R. Mott, MD

613 Surgical Correction of Tetralogy of Fallot With Unilateral Absence of Pulmonary Artery

Leo A. Bockeria, MD, PhD, Vladimir P. Podzolkov, MD, PhD, Osman A. Makhachev, MD, PhD, Mikhail A. Zelenikin, MD, PhD, Bagrat G. Alekian, MD, PhD, Vladimir N. Ilyin, MD, PhD, Ali A. Gadjiev, MD, PhD, Konstantin V. Shatalov, MD, PhD, Teya T. Kakuchaya, MD, PhD, Titalav Kh. Khriev, MD, and Sergey B. Zaets, MD, PhD

619 Double-Outlet Right Atrium: Anatomic and Clinical Considerations

Gianluca Brancaccio, MD, Antonio Amodeo, MD, Gabriele Rinelli, MD, Sergio Filippelli, MD, Stephen P. Sanders, MD, and Roberto M. Di Donato, MD

622 Fontan Operation: A Comparison of Lateral Tunnel with Extracardiac Conduit

Andrew C. Fiore, MD, Mark Turrentine, MD, Mark Rodefeld, MD, Palaniswamy Vijay, PhD, Theresa L. Schwartz, MD, Katherine S. Virgo, PhD, Laurice K. Fischer, MD, and John W. Brown, MD

631 Revisiting Animal Models of Aortic Stenosis in the Early Gestation Fetus

CME Pirooz Eghtesady, MD, PhD, Erik Michelfelder, MD, Mekibib Altaye, PhD, Edgar Ballard, MD, Russel Hirsh, MD, and Robert H. Beekman III, MD

640 Effects of Cell-Based Angiogenic Gene Therapy at 6 Months: Persistent Angiogenesis and Absence of Oncogenicity

Christopher Kim, BS, Ren-Ke Li, MD, PhD, Guangming Li, MD, Yaoguang Zhang, MD, Richard D. Weisel, MD, and Terrence M. Yau, MD, MS

Invited Commentary

Bonaros Nikolaos, MD, Rauf Rauend, MD, and Kocher Alfred, MD

NEW TECHNOLOGY

648 In Vivo Evaluation of a Porous, Elastic, Biodegradable Patch for Reconstructive Cardiac Procedures

Kazuro L. Fujimoto, MD, Jianjun Guan, PhD, Hideki Oshima, MD, Tetsuro Sakai, MD, PhD, and William R. Wagner, PhD

Invited Commentary

Pascal Maria Dohmen, MD, PhD

655 Retrieval Stent Filter: Treatment of Budd Chiari Syndrome Complicated With Inferior Vena Cava Thrombosis—Initial Clinical Experience

Xin-Wei Han, MD, PhD, Peng-Xu Ding, MD, Yong-Dong Li, MD, PhD, Gang Wu, MD, and Ming-Hua Li, MD, PhD

CASE REPORTS

661 Cardiac Resurrection After Bone-Marrow-Derived Mononuclear Cell Transplantation During Left Ventricular Assist Device Support

Satoshi Gojo, MD, PhD, Shunei Kyo, MD, PhD, Shigeyuki Nishimura, MD, PhD, Nobuyuki Komiyama, MD, PhD, Nobutaka Kawai, MD, PhD, Masami Bessho, MD, PhD, Hiroshige Sato, MD, PhD, Toshihisa Asakura, MD, PhD, Motonobu Nishimura, MD, PhD, and Kenji Ikeuchi, MD, PhD

663 Multiple Overlapped Conical Endoprostheses in a Patient With Aneurysmatic Right Aortic Arch and Aortic Coarctation

M. Ibrahim Nassar, MD, Ramiro de la Llana, MD, Francisco Diaz-Romero, MD, Pilar Garrido, MD, and Rafael Martinez-Sanz, MD

664 Treatment of Type V Endoleaks by Endovascular Redo Stent-Graft Placement

Daniel Zimpfer, MD, Maria Schoder, MD, Roman Gottardi, MD, Johannes Lammer, MD, Ernst Wolner, MD, Michael Grimm, MD, and Martin Czerny, MD

666 Combined Open and Endovascular Repair of Acute Type A Aortic Dissection

Vitaly Aleksandrovich Sorokin, MD, Chee Fui Chong, MD, Chuen Neng Lee, MD, Poo Sing Wong, MD, Lenny Tan, MD, and Peter Ashley Robless, MD

668 Giant Circumflex Coronary Artery Aneurysm Associated With Cystic Medial Necrosis in a Non-Marfan Patient

Koji Takeda, MD, Goro Matsumiya, MD, PhD, Motonobu Nishimura, MD, PhD, Hajime Matsue, MD, Yasuhiko Tomita, MD, and Yoshiki Sawa, MD, PhD

670 Postoperative Coronary Artery Spasm Complicating Aortic Valve Replacement: Implications for Identification and Treatment

Claudio Pragliola, MD, Luca Altamura, MD, Giampaolo Niccoli, MD, Massimo Siviglia, MD, Stefano De Paulis, MD, and Gian Federico Possati, MD, PhD

672 Congenitally Corrected Transposition of the Great Arteries: Surgical Repair in Adulthood

Fotios A. Mitropoulos, MD, PhD, Meletios Kanakis, MD, Antonios P. Vlachos, MD, Paraskevi Lathridou, MD, George Tsoukias, MD, George Georgiou, MD, and John A. Goudevenos, MD, PhD

674 Acute Type A Dissection at 17 Weeks of Gestation in a Marfan Patient

Joerg Seeburger, MD, Friedrich Wilhelm Mohr, MD, PhD, and Volkmar Falk, MD, PhD

676 Pericardial Patch Augmentation of Both Anterior and Septal Leaflets in Ebstein's Anomaly
Noyan Timucin Oqus, Cenk Indelen, MD, Tekin Yildirim, MD, Ozer Selimoglu, MD, and Murat Basaran, MD

678 Modified Technique for the Surgical Treatment of Severe Tricuspid Valve Deformity in Ebstein's Anomaly
David P. V. Bichell, MD, Bassem N. Mora, MD, James W. Mathewson, MD, Stanley K. Kirkpatrick, MD, Jeffrey J. Tyner, MD, and Terri McLees-Palinkas, MS

680 Ruptured Tricuspid Valve Papillary Muscle: A Treatable Cause of Neonatal Cyanosis
Ritu Sachdeva, MD, Richard T. Fiser, MD, William R. Morrow, MD, Joseph R. Cava, MD, PhD, Nancy S. Ghanayem, MD, and Robert D. B. Jaquiss, MD

682 Aneurysmal Dilatation of the Contegra Bovine Jugular Vein Conduit After Reconstruction of the Right Ventricular Outflow Tract
Eva Maria Delmo-Walter, MD, Vladimir Alexi-Meskishvili, MD, PhD, Hashim Abdul-Khaliq, MD, PhD, Rudolf Meyer, MD, PhD, and Roland Hetzer, MD, PhD

684 Effective Symptomatic Relief of Hypertrophic Pulmonary Osteoarthropathy by Video-Assisted Thoracic Surgery Truncal Vagotomy
Adrian Ooi, MRCS, Rasheed A. Saad, MRCS, Narain Moorjani, MRCS, and Khalid M. Amer, FRCS(CTS)

685 Tracheal Stenosis Caused by Retrosternal Dislocation of the Right Clavicle
Ei Nakayama, MD, Toru Tanaka, MD, Tetsuo Noguchi, MD, Jun-ichi Yasuda, MD, and Yasuji Terada, MD

687 Bronchioloalveolar Carcinoma in Congenital Cystic Adenomatoid Malformation of Lung
Douglas West, MRCS, Andrew G. Nicholson, FRCPath, Ian Colquhoun, FRCS, and James Pollock, FRCS

689 Bronchial Epithelial-Myoepithelial Carcinoma
Tung-Ying Chao, MD, An-Shen Lin, MD, Chien-Hao Lie, MD, Yu-Hsiu Chung, MD, Jui-Wei Lin, MD, and Meng-Chih Lin, MD

691 Multiple Central Endobronchial Chondroid Hamartoma
Min-Woong Kang, MD, Jong Hee Han, MD, Jeong Hwan Yu, MD, Yong Ho Kim, MD, Myung Hoon Na, MD, Jae Hyeon Yu, MD, Seung Pyung Lim, MD, Young Lee, MD, Jin-Hwan Kim, MD, Dae Young Kang, MD, and Ju-Ock Kim, MD

693 Bronchial Artery Aneurysm Treated With Aortic Stent Graft and Fibrin Sealant
Eladio Sanchez, MD, Pedro Alados, MD, PhD, Luis Zurera, MD, Miguel Canis, MD, Ignacio Muñoz, MD, Jaime Casares, MD, and Manuel G. Egularas, MD, PhD

IMAGES IN CARDIOTHORACIC SURGERY

696 Large Valsalva Sinus Aneurysm Simulating an Interatrial Septum Mass
Stephane Reverdin, MD, Mikael Rabaeus, MD, and Afksendiyos Kalangos, MD, PhD

697 Chest Wall Reconstruction in Full-Thickness Defect for Mastectomy and Irradiation
Andrea Droghetti, MD, Andrea Schiavini, MD, Piergiorgio Muriana, MS, Donatella Tomassoni, MD, Barbara Canneto, MD, Enrico Aitini, MD, Alfredo Scalzini, MD, and Giovanni Muriana, MD

HOW TO DO IT

e-Only Content

e3 Total Arch Replacement for a Distal Aortic Arch Aneurysm With Right Aortic Arch
Keiko Kiokawa, MD, Kazutomo Goh, MD, Nobuyuki Akasaka, MD, Nobuyoshi Azuma, MD, Masashi Inaba, MD, and Tadahiro Sasajima, MD

698 Adjustable Segmental Tricuspid Annuloplasty: A New Modified Technique
Anas Sarraj, MD, FETCS, and Juan Duarte, MD, PhD

700 Adjustable Sinotubular Junction for Aortic Valve Reimplantation Procedures
Daniele Maselli, MD, Fabio Guerracino, MD, Pietro Bajona, MD, Luca Bellieni, MD, and Gaetano Minzioni, MD

703 Transverse Bronchoplasty of the Membranous Wall After Resection of an Endobronchial Hamartoma
Periklis Tomos, MD, Theodoros Karaiskos, MD, Elias Lahanas, MD, Dionysios Paulopoulos, MD, Dimitrios Papahristou, MD, Antonios Staurolias, MD, and Antonios Papachristodoulou, MD

705 Repair of Large, Iatrogenic, Tracheo-Esophageal Fistulae
Vicky L. Chappell, MD, and Herman A. Heck, Jr, MD

REVIEWS

707 **Recombinant Activated Factor VII in Cardiac Surgery: A Systematic Review**
Oliver Warren, MRCS, Kaushik Mandal, MS, MRCS, Vassilis Hadjianastassiou, MD, Lisa Knowlton, BSc (Hons), Sukhmeet Panesar, BSc (Hons), Kokotsakis John, MD, Ara Darzi, FMedSci, KBE, and Thanos Athanasiou, MD, PhD

715 **Selecting a Vasopressor Drug for Vasoplegic Shock After Adult Cardiac Surgery: A Systematic Literature Review**
Moritoki Egi, MD, Rinaldo Bellomo, MD, Christoph Langenberg, MD, Michael Haase, MD, Anja Haase, B Pharm, Laurie Doolan, MD, George Matalanis, MD, Siven Seevenayagam, MD, and Brian Buxton, MD

CORRESPONDENCE

724 **Type II Statistical Error**
Gerald S. Weinstein, MD

724 **Edge-to-Edge Technique for Residual Mitral Valve Regurgitation**
Nagarajan Muthialu, DNB
Reply
Derek R. Brinster, MD, and Lawrence H. Cohn, MD

725 **Valproic Acid and Bleeding: Caution Required**
John P. Veinot, MD, and Marc Ruel, MD, MPH
Reply
Jason A. Williams, MD, and William A. Baumgartner, MD

726 **My View and My Experience on Extracardiac RV-PA Conduit**
Carlo F. Marcelletti, MD
Reply
Jürgen Hörer, MD, Andreas Eicken, MD, and Christian Schreiber, MD, PhD

727 **The Lecompte Maneuver as an Alternative to Reduction Pulmonary Arterioplasty for Relief of Airway Compression in Absent Pulmonary Valve Syndrome**
Cécile Tissot, MD, Yacine Aggoun, MD, Maurice Beghetti, MD, Eduardo da Cruz, BS, MD, Jorge Sierra, MD, Afksendyios Kalangos, MD, and Eduardo da Cruz, BS, MD
Reply
Lars Nölke, FRCS C-Th, Nelson Alphonso, MD, and Tom R. Karl, MD

728 **Ischemic Preconditioning of the Gastric Conduit Prior to Esophageal Resection**
C. S. Pramesh, MS, FRCS, and Rajesh C. Mistry, MS

SUPPLEMENT: AORTIC SURGERY SYMPOSIUM X

S729 **Title Page**

S730 **Faculty and Sponsors**

S731 **Introduction**
Randall B. Griep, MD, and Eva B. Griep, MD

SESSION I: ASCENDING AORTA

S732 **Aortic Valve Preservation in Patients With Aortic Root Aneurysm: Results of the Reimplantation Technique**
Tirone E. David, MD, Christopher M. Feindel, MD, Gary D. Webb, MD, Jack M. Colman, MD, Susan Armstrong, MSc, and Manjula Maganti, MSc

S736 **Valve-Sparing Aortic Root Replacement: Current State of the Art and Where Are We Headed?**
D. Craig Miller, MD

S740 **Preservation of the Bicuspid Aortic Valve**
Hans-Joachim Schäfers, MD, PhD, Diana Aicher, MD, Frank Langer, MD, and Henning F. Lausberg, MD

S746 **Aortic Valve Repair: The Functional Approach to Leaflet Prolapse and Valve-Sparing Surgery**
Hugues Jeanmart, MD, Laurent de Kerchove, MD, David Glineur, MD, Jean-Michel Goffinet, MD, Ishan Rougui, MD, Michel Van Dyck, MD, Philippe Noirhomme, MD, and Gebrin El Khoury, MD

S752 **Remodeling or Reimplantation for Valve-Sparing Aortic Root Surgery?**
Armin W. Erasmi, MD, Hans-H. Sievers, MD, JF Matthias Bechtel, MD, Thorsten Hanke, MD, Ulrich Stierle, MD, and Martin Misfeld, MD, PhD

S757 **Early Surgical Experience With Loeys-Dietz: A New Syndrome of Aggressive Thoracic Aortic Aneurysm Disease**
Jason A. Williams, MD, Bart L. Loeys, MD, Lois U. Nwakanma, MD, Harry C. Dietz, MD, Philip J. Spevak, MD, Nishant D. Patel, BA, Katrien François, MD, Julie DeBacker, MD, Vincent L. Gott, MD, Luca A. Vricella, MD, and Duke E. Cameron, MD

S764 **Aortic Valve-Sparing Operation in Marfan Syndrome: What Do We Know After a Decade?**
Klaus Kallenbach, MD, Hassina Baraki, MD, Nawid Khaladj, MD, Hiroyuki Kamiya, MD, Christian Hagl, MD, Axel Haverich, MD, and Matthias Karck, MD

S769 Reimplantation Valve-Sparing Aortic Root Replacement in Marfan Syndrome Using the Valsalva Conduit: An Intercontinental Multicenter Study

Fabrizio Settepani, MD, Wilson Y. Szeto, MD, Davide Pacini, MD, Ruggero De Paulis, MD, Luigi Chiariello, MD, Roberto Di Bartolomeo, MD, Roberto Gallotti, MD, and Joseph E. Bavaria, MD

S774 When Should the Aortic Arch Be Replaced in Marfan Patients?

Jean Bachet, MD, Fabrice Larrazet, MD, Bertrand Goudot, MD, Gilles Dreyfus, MD, Thierry Folliguet, MD, François Laborde, MD, and Daniel Guilmel, MD

S780 Long-Term Experience of Girdling the Ascending Aorta With Dacron Mesh as Definitive Treatment for Aneurysmal Dilatation

Oved Cohen, MD, Jonah Odim, MD, PhD, David De La Zerda, MD, Chidi Ukatu, MD, Raj Vyas, BS, Neil Vyas, BA, Kathy Palatnik, BS, and Hillel Laks, MD

S785 Panel Discussion: Session I—Ascending Aorta

Moderator: D. Craig Miller, MD

Panelists: Jean Bachet, MD, Duke E. Cameron, MD, Oved Cohen, MD, Tirone E. David, MD, Gebrine El Khoury, MD, Armin W. Erasmi, MD, Matthias Karck, MD, Hans-Joachim Schäfers, MD, PhD, and Fabrizio Settepani, MD

SESSION II: AORTIC ARCH

S791 Aortic Arch Replacement With a Trifurcated Graft

David Spielvogel, MD, Christian D. Etz, MD, Daniel Silovitz, MS, Steven L. Lansman, MD, PhD, and Randall B. Griepp, MD

S796 Aortic Arch Replacement Using Selective Cerebral Perfusion

Teruhisa Kazui, MD, PhD, Katsushi Yamashita, MD, PhD, Naoki Washiyama, MD, PhD, Hitoshi Terada, MD, PhD, Abul Hasan Muhammad Bashar, MBBS, PhD, Kazuchika Suzuki, MD, PhD, and Takayasu Suzuki, MD

S799 Cerebral Perfusion

Deborah K. Harrington, MB, MRCS, Fernanda Fragomeni, and Robert Stuart Bonser, MD, FRCS

S805 Integrated Total Arch Replacement Using Selective Cerebral Perfusion: A 6-Year Experience

Hiroaki Sasaki, MD, Hitoshi Ogino, MD, Hitoshi Matsuda, MD, Kenji Minatoya, MD, Motomi Ando, MD, and Soichiro Kitamura, MD

S811 Optimization of Aortic Arch Replacement With a One-Stage Approach

Nicholas T. Kouchoukos, MD, Michael C. Mauney, MD, Paolo Masetti, MD, and Catherine F. Castner, RN

S815 Optimization of Aortic Arch Replacement: Two-Stage Approach

Hazim J. Safi, MD, Charles C. Miller III, PhD, Anthony L. Estrera, MD, Martin A. Villa, MD, Jennifer S. Goodrick, RN, Eyal Porat, MD, and Ali Azizzadeh, MD

S819 The Frozen Elephant Trunk Technique for Treatment of Thoracic Aortic Aneurysms

Hassina Baraki, MD, Christian Hagl, MD, PhD, Narwid Khaladj, MD, Klaus Kallenbach, MD, PhD, Jürgen Weidemann, MD, Axel Haverich, MD, and Matthias Karck, MD

S824 Panel Discussion: Session II—Aortic Arch

Moderator: Randall B. Griepp, MD

Panelists: Robert Bonser, FRCS, FRCP, Axel Haverich, MD, PhD, Teruhisa Kazui, MD, Nicholas T. Kouchoukos, MD, Hazim J. Safi, MD, Hiroaki Sasaki, MD, David Spielvogel, MD, and Shinichi Takamoto, MD

SESSION III: NATURAL HISTORY AND DISSECTION

S832 Fifty Years of Thoracic Aortic Surgery:

Lessons Learned and Future Directions

Stephen Westaby, PhD, FETCS, and Gabriele B. Bertoni, MD

S835 Intramural Hematoma and Penetrating Atherosclerotic Ulcer of the Aorta

Thoralf M. Sundt, MD

S842 Update on Outcomes of Acute Type B Aortic Dissection

Anthony L. Estrera, MD, Charles C. Miller, PhD, Jennifer Goodrick, RN, Eyal E. Porat, MD, Paul E. Achouh, MD, Jayesh Dhareshwar, MD, Riad Meada, MD, Ali Azizzadeh, MD, and Hazim J. Safi, MD

S846 Panel Discussion: Session III—Natural History and Dissection

Moderator: Joseph S. Coselli, MD

Panelists: Joseph E. Bavaria, MD, John A. Elefteriades, MD, Anthony L. Estrera, MD, Steven L. Lansman, MD, PhD, Christoph Nienaber, MD, PhD, Thoralf M. Sundt, III, MD, and Stephen Westaby, PhD, MS

SESSION IV: DESCENDING AND THORACOABDOMINAL AORTA

S851 Long-Term Follow-Up After Thoracoabdominal Aortic Aneurysm Repair
Marc A. A. M. Schepens, MD, PhD, Johannes C. Kelder, MD, Wim J. Morshuis, MD, PhD, Robin H. Heijmen, MD, PhD, Eric P. van Dongen, MD, PhD, and Huub T. M. ter Beek, MD

S856 Thoracoabdominal Aneurysm Repair: A 20-Year Perspective
Mark F. Conrad, MD, Robert S. Crawford, MD, J. Kenneth Davison, MD, and Richard P. Cambria, MD

S862 Open Surgical Repair of 2286 Thoracoabdominal Aortic Aneurysms
Joseph S. Coselli, MD, John Bozinovski, MD, and Scott A. LeMaire, MD

S865 Spinal Cord Perfusion and Protection During Descending Thoracic and Thoracoabdominal Aortic Surgery: The Collateral Network Concept
Randall B. Griepp, MD, and Eva B. Griepp, MD

S870 Pulmonary Complications After Descending Thoracic and Thoracoabdominal Aortic Aneurysm Repair: Predictors, Prevention, and Treatment
Christian D. Etz, MD, Gabriele Di Luozzo, MD, Ricardo Bello, MD, Maximilian Luehr, MD, Muhammad Z. Khan, MD, Carol A. Bodian, DrPH, Randall B. Griepp, MD, and Konstadinos A. Plestis, MD

S877 Assessment of Spinal Cord Circulation and Function in Endovascular Treatment of Thoracic Aortic Aneurysms
Geert Willem H. Schurink, MD, PhD, Robbert J. Nijenhuis, MD, Walter H. Backes, PhD, Werner Mess, MD, PhD, Michiel W. de Haan, MD, PhD, Bas Mochtar, MD, PhD, and Michael J. Jacobs, MD, PhD

S882 Risk Factors of Neurologic Deficit After Thoracic Aortic Endografting
Ali Khoynezhad, MD, Carlos E. Donayre, MD, Hao Bui, MD, George E. Kopchok, BS, Irwin Walot, MD, and Rodney A. White, MD

S890 Panel Discussion: Session IV—Descending and Thoracoabdominal Aorta

Moderator: David Spielvogel, MD
Panelists: Richard P. Cambria, MD, Joseph S. Coselli, MD, Randall B. Griepp, MD, Ali Khoynezhad, MD, PhD, R. Scott Mitchell, MD, Konstadinos A. Plestis, MD, Marc Schepens, MD, PhD, Geert Willem Schurink, MD, PhD, Lars G. Svensson, MD, PhD, and Grayson H. Wheatley, III, MD

ANNOUNCEMENTS

A-36 **Information for Authors**

A-41 **Conditions for Publication Form**

A-43 **Guidelines for Reviewers**

A-45 **Events of Interest**

401 **Online Discussion Forum**

408 **Requirements for Recertification/Maintenance of Certification in 2007**

467 **Notice From the American Board of Thoracic Surgery Regarding Trainees and Candidates for Certification Who Are Called to Military Service Related to the War on Terrorism**

474 **Notice From the American Board of Thoracic Surgery**

495 **The Society of Thoracic Surgeons Policy Action Center**

516 **Southern Thoracic Surgical Association: Fifty-Fourth Annual Meeting**

605 **Member and Individual Subscriber Access to the Online Annals**

A-49 **Classified Advertisements**

A-59 **Index to Advertisers**

A-60 **Southern Thoracic Surgical Association Rules for Submission of Abstracts**

Number 3 March 2007

EDITORIAL

893 The Society of Thoracic Surgeons General Thoracic Surgery Database
Cameron D. Wright, MD, and Fred H. Edwards, MD

HAWLEY H. SEILER RESIDENT AWARD PAPER

895 The Use of a Miniaturized Circuit and Bloodless Prime To Avoid Cerebral No-Reflow After Neonatal Cardiopulmonary Bypass
Edward Hickey, MRCS, Tara Karamlou, MD, Xiaomang You, MD, CCP, Chris Komanapalli, MD, Tom Person, MD, Krista Wehrley, BA, and Ross Ungerleider, MD

ORIGINAL ARTICLES:
CARDIOVASCULAR

902 Spontaneous Closure of Small Residual Ventricular Septal Defects After Surgical Repair
Ali Dodge-Khatami, MD, PhD, Walter Knirsch, MD, Maren Tomaske, MD, René Prêtre, MD, Dominique Bettex, MD, Valentin Rousson, PhD, and Urs Bauersfeld, MD

Invited Commentary
Kirk R. Kanter, MD

907 Predicting Outcome of Pulmonary Valve Replacement in Adult Tetralogy of Fallot Patients
Ivo R. Henkens, MD, Alexander van Straten, MD, Martin J. Schalij, MD, PhD, Mark G. Hazekamp, MD, PhD, Albert de Roos, MD, PhD, Ernst E. van der Wall, MD, PhD, and Hubert W. Vliegen, MD, PhD

912 Anticoagulation and Pediatric Extracorporeal Membrane Oxygenation: Impact of Activated Clotting Time and Heparin Dose on Survival
CME
Christopher W. Baird, MD, David Zurakowski, PhD, Barbara Robinson, MD, Sanjiv Gandhi, MD, Leighann Burdis-Koch, RCP, Joseph Tamblyn, RCP, Ricardo Munoz, MD, Karol Fortich, MD, and Frank A. Pigula, MD

921 Risk Index for Predicting In-Hospital Mortality for Cardiac Valve Surgery
Edward L. Hannan, PhD, Chuntao Wu, MD, PhD, Edward V. Bennett, MD, Russell E. Carlson, MD, Alfred T. Culliford, MD, Jeffrey P. Gold, MD, Robert S. D. Higgins, MD, Craig R. Smith, MD, and Robert H. Jones, MD

Invited Commentary
Fred H. Edwards, MD

931 Risk Factors Associated With Reoperation and Mortality in 252 Patients After Aortic Valve Replacement for Congenitally Bicuspid Aortic Valve Disease
Sorel Goland, MD, Lawrence S. C. Czer, MD, Michele A. De Robertis, RN, James Mirocha, MS, Robert M. Kass, MD, Gregory P. Fontana, MD, Wen Chang, MD, and Alfredo Trento, MD

938 Effect of Prior Valve Type on Mortality in Reoperative Valve Surgery
Gilbert H. L. Tang, MD, Manjula Maganti, MS, Tirone E. David, MD, Christopher M. Feindel, MD, Hugh E. Scully, MD, and Michael A. Borger, MD, PhD

946 Transforming Growth Factor- β 1 Mechanisms in Aortic Valve Calcification: Increased Alkaline Phosphatase and Related Events
Jocelyn N. Clark-Greuel, PhD, Jeanne M. Connolly, MS, Elizabeth Sorichillo, BS, Navneet R. Narula, MD, H. Scott Rapoport, PhD, Emile R. Mohler III, MD, Joseph H. Gorman III, MD, Robert C. Gorman, MD, and Robert J. Levy, MD

954 Prosthetic Replacement of the Ascending Aorta Increases Wall Tension in the Residual Aorta
Michael Scharfschwerdt, Hans-H. Sievers, MD, Johanna Greggersen, Thorsten Hanke, MD, and Martin Misfeld, MD, PhD

958 Papillary Muscle Repositioning in Mitral Valve Replacement in Patients With Left Ventricular Dysfunction
Mohammad Ali Yousefnia, MD, Mohammad Hossein Mandegar, MD, Farideh Roshanali, MD, Farshid Alaeddini, MD, and Farshad Amouzadeh, MA

Invited Commentary
Donald Glower, MD

964 Coronary Insufficiency After Stentless Aortic Root Replacement: Risk Factors and Solutions
CME
Edward H. Kincaid, MD, A. Robert Cordell, MD, John W. Hammon, MD, Sandy M. Adair, RN, and Neal D. Kon, MD

969 Aortic Valve Replacement and Concomitant Coronary Artery Bypass: Assessing the Impact of Multiple Grafts
Kimiyoji J. Kobayashi, BS, Jason A. Williams, MD, Lois Nwakanma, MD, Vincent L. Gott, MD, William A. Baumgartner, MD, and John V. Conte, MD

Invited Commentary
Paul Kurlansky, MD

979 Long-Term Results of the Endoscopic Atraumatic Coronary Artery Bypass
Thomas A. Vassiliades, Jr, MD, V. Seenu Reddy, MD, John D. Puskas, MD, and Robert A. Guyton, MD

986 Coronary Artery Revascularization (CARE) Registry: An Observational Study of On-Pump and Off-Pump Coronary Artery Revascularization
George Palmer, MD, Morley A. Herbert, PhD, Syma L. Prince, RN, Janet L. Williams, BA, Mitchell J. Magee, MD, Phillip Brown, MD, Marc Katz, MD, and Michael J. Mack, MD

993 Outcomes Associated With the Use of Secondary Prevention Medications After Coronary Artery Bypass Graft Surgery
Abhinav Goyal, MD, MHS, John H. Alexander, MD, MHS, Gail E. Hafley, MS, Stacy H. Graham, MD, Rajendra H. Mehta, MD, MS, Michael J. Mack, MD, Randall K. Wolf, MD, Lawrence H. Cohn, MD, Nicholas T. Kouchoukos, MD, Robert A. Harrington, MD, Daniel Gennevois, MD, C. Michael Gibson, MD, Robert M. Califf, MD, T. Bruce Ferguson, Jr, MD, and Eric D. Peterson, MD, MPH, for the PREVENT IV Investigators

1002 Use of Both Internal Thoracic Arteries in Diabetic Patients Increases Deep Sternal Wound Infection
Edward B. Savage, MD, Joshua D. Grab, MS, Sean M. O'Brien, PhD, Aman Ali, MD, Eric J. Okum, MD, R. Anthony Perez-Tamayo, MD, Daniel S. Eiferman, MD, Eric D. Peterson, MD, Fred H. Edwards, MD, and Robert S. D. Higgins, MD

Invited Commentary
Emery Charles Douville, MD

1008 Techniques and Benefits of Multiple Internal Mammary Artery Bypass at 20 Years of Follow-Up
J. Scott Rankin, MD, Robert H. Tuttle, MS, Andrew S. Wechsler, MD, Tracey L. Teichmann, BS, Donald D. Glower, MD, and Robert M. Califf, MD

1016 Troponin I and Lactate From Coronary Sinus Predict Cardiac Complications After Myocardial Revascularization
Francesco Onorati, MD, Lucia Cristodoro, MD, Santo Caroleo, MD, Antonio Esposito, MD, Bruno Amantea, MD, Ermengildo Santangelo, MD, and Attilio Renzulli, MD, PhD

1024 Gastroepiploic Artery Grafting Does Not Improve the Late Outcome in Patients With Bilateral Internal Thoracic Artery Grafting
Jiro Esaki, MD, Takaaki Koshiji, MD, Minoru Okamoto, MD, Masaki Tsukashita, MD, Takeshi Ikuno, MD, and Ryuzo Sakata, MD

Invited Commentary
Alfred J. Tector, MD, MS

1030 Robotic Endoscopic Left Internal Mammary Artery Harvesting: What Have We Learned After 100 Cases?
Armin Oehlinger, MD, Nikolaos Bonaros, MD, Thomas Schachner, MD, Elisabeth Ruetzler, MD, Guy Friedrich, MD, Guenther Laufer, MD, and Johannes Bonatti, MD

1035 Intraoperative Transesophageal Echocardiography Modifies Strategy in Off-Pump Coronary Artery Bypass Grafting
Ahmet Tayfun Gurbuz, MD, FACS, Michael L. Hecht, MD, and Ahmet Hulisi Arslan, MD

1041 Optimal End-Organ Protection for Thoracic and Thoracoabdominal Aortic Aneurysm Repair Using Deep Hypothermic Circulatory Arrest
John W. Fehrenbacher, MD, PhD, David W. Hart, MD, Erica Huddleston, Harry Siderys, MD, and Camille Rice

1047 Unsupported Reduction Ascending Aortoplasty: Fate of Diameter and of Windkessel Function
Tobias Walker, MD, Dorothee H. L. Bail, MD, Miriam Gruler, Reinhard Vonthein, PhD, Volker Steger, MD, and Gerhard Ziemer, MD

Invited Commentary
Thoralf Sundt III, MD

1055 Quick Proximal Arch Replacement With Moderate Hypothermic Circulatory Arrest
Hiroyuki Kamiya, MD, Christian Hagl, MD, Irina Kropivnitskaya, Juergen Weidemann, MD, Klaus Kallenbach, MD, Nawid Khaladj, MD, Axel Haverich, MD, and Matthias Karck, MD

1059 Endovascular Repair of Acute Type B Aortic Dissection: Long-Term Follow-Up of True and False Lumen Diameter Changes
Maria Schoder, MD, Martin Czerny, MD, Manfred Cejna, MD, Thomas Rand, MD, Alfred Stadler, MD, Gottfried H. Sodeck, MD, Roman Gottardi, MD, Christian Loewe, MD, and Johannes Lammer, MD

1067 Are Marfan Syndrome and Marfanoid Patients Distinguishable on Long-Term Follow-Up?
 Lars G. Svensson, MD, PhD, Eugene H. Blackstone, MD, Jingyuan Feng, MS, Daniel de Oliveira, MD, A. Marc Gillinov, MD, Maran Thamilarasan, MD, Richard A. Grimm, DO, Brian Griffin, MD, Donald Hammer, MD, Timothy Williams, MD, Deborah H. Gladish, BA, and Bruce W. Lytle, MD

1075 Surgery for Chronic Thromboembolic Pulmonary Hypertension—Inclusive Experience From a National Referral Center
 Fraser D. Rubens, MD, Michael Bourke, MD, Mark Hynes, MD, Donna Nicholson, MD, Marian Kotrec, MD, Munir Boodhwani, MD, Marc Ruel, MD, Carole J. Dennie, MD, and Thierry Mesana, MD

1082 Clinical Outcomes Are Similar in Pulsatile and Nonpulsatile Left Ventricular Assist Device Recipients
 Erika D. Feller, MD, Erik N. Sorensen, PhD, Michel Haddad, MD, Richard N. Pierson III, MD, Frances L. Johnson, MD, James M. Brown, MD, and Bartley P. Griffith, MD

1089 Determinants of Early Discharge From the Intensive Care Unit After Cardiac Operations
 Marco Ranucci, MD, Carmen Bellucci, MD, Daniela Conti, MD, Anna Cazzaniga, MD, and Bruno Maugeri, MD

1096 Acute Cholecystitis Complicating Cardiac Surgery: Case Series Involving More Than 16,000 Patients
 Jurgen Passage, MBBS, Pragnesh Joshi, MS, MCh, and Daniel V. Mullany, FJFICM

1102 Age- and Gender-Related Differences in Mitochondrial Oxygen Consumption and Calcium With Cardioplegia and Diazoxide
 James D. McCully, PhD, Anthony J. Rousou, MD, Robert A. Parker, ScD, and Sidney Levitsky, MD
Invited Commentary
 David J. Chambers, PhD

1110 Enhanced Angiogenesis With Multimodal Cell-Based Gene Therapy
 Terrence M. Yau, MD, MS, Christopher Kim, BS, Guangming Li, MD, Yaoguang Zhang, MD, Shafie Fazel, MD, PhD, Dan Spiegelstein, MD, Richard D. Weisel, MD, and Ren-Ke Li, MD, PhD
Invited Commentary
 Jun Feng, MD, PhD, and Frank W. Sellke, MD

1121 Sodium-Hydrogen Exchange Inhibition and β -Blockade Additively Decrease Infarct Size
 Peipei Wang, MD, PhD, Corinne Zaragoza, MS, and William Holman, MD
Invited Commentary
 Steven Anderson, PhD

ORIGINAL ARTICLES: GENERAL THORACIC

1129 Modified T-Tube Repair of Delayed Esophageal Perforation Results in a Low Mortality Rate Similar to That Seen With Acute Perforations
CME
 Philip A. Linden, MD, Raphael Bueno, MD, Steven J. Mentzer, MD, Lambros Zellos, MD, Abraham Lebenthal, MD, Yolonda L. Colson, MD, PhD, David J. Sugarbaker, MD, and Michael T. Jaklitsch, MD
Invited Commentary
 Harold Urschel, Jr, MD

1134 Predicted Versus Observed FEV₁ and DLCO After Major Lung Resection: A Prospective Evaluation at Different Postoperative Periods
 Alessandro Brunelli, MD, Majed Refai, MD, Michele Salati, MD, Francesco Xiumé, MD, and Armando Sabbatini, MD
Invited Commentary
 Simon Jordan, FRCS, Michael Polkey, MRCP, and Peter Goldstraw, FRCS

1140 Complications of Video-Assisted Thoracoscopic Lung Biopsy in Patients with Interstitial Lung Disease
 Mary Elizabeth Kreider, MD, MS, John Hansen-Flaschen, MD, Nadia N. Ahmad, MD, Milton D. Rossman, MD, Larry R. Kaiser, MD, John C. Kucharczuk, MD, and Joseph B. Shrager, MD
Invited Commentary
 John D. Miller, MD, FRCSC

1146 Single-Stage Surgical Treatment of Synchronous Bilateral Multiple Lung Cancers
 Mingyon Mun, MD, and Tadasu Kohno, MD

1152 Tracheal Compression With "Hairpin" Right Aortic Arch: Management by Aortic Division and Aortopexy by Right Thoracotomy Guided by Intraoperative Bronchoscopy
 Hermes C. Grillo, MD, and Cameron D. Wright, MD

NEW TECHNOLOGY

1158 Hybrid Technique for Total Arch Repair: Aortic Neck Reshaping for Endovascular-Graft Fixation

Carlo Antona, MD, Paolo Vanelli, MD, Marina Petullà, MD, Guido Gelpi, MD, Paolo Danna, MD, Massimo Lemma, MD, and Luigi Inglese, MD

1162 Elastic Device Facilitating Delayed Primary Closure of Sternal Wound Infection

Joel Price, MD, Fraser Rubens, MD, MS, and Michael Bell, MD

CASE REPORTS

1166 Aortocoronary Endothelial Cell-Seeded Polytetrafluoroethylene Graft: 9-Year Patency

Davide Gabbieri, MD, Pascal M. Dohmen, MD, PhD, Christina Koch, MD, Alexander Lembcke, MD, Wolfgang Rutsch, MD, PhD, and Wolfgang Konertz, MD, PhD

1168 Endothelial Cell-Seeded Bovine Internal Mammary Artery for Complete Revascularization

Pascal M. Dohmen, MD, PhD, Davide Gabbieri, MD, Alexander Lembcke, MD, and Wolfgang Konertz, MD, PhD

1170 Myocardial Infarction Secondary to a Coronary Ostial Thrombus in Antiphospholipid Syndrome

Ibrahim S. Abu Romeh, MD, Adnan K. Chhatriwala, MD, Fernando A. Atik, MD, Deepak L. Bhatt, MD, and Jose L. Navia, MD

1172 Unusual Complication of Heparin-Induced Thrombocytopenia After Mitral Valve Surgery: Spontaneous Rupture of Spleen

Christina Mitchell, MD, Catherine A. Riley, MD, and Bobbak Vahid, MD

1174 Single-Stage Surgical Repair of Type II Acute Aortic Dissection Associated With Coarctation of the Aorta

Tetsuya Horai, MD, Tomoki Shimokawa, MD, Susumu Takeuchi, MD, Yutaka Okita, MD, and Shuichiro Takanashi, MD

1175 Anomalous Left Anterior Descending Coronary Artery From Pulmonary Artery With Ventricular Septal Defect

Thomas Stephen, MCh, Korah T. Kuruvila, MCh, Madhu Andrew Philip, MCh, Vinayak Shukla, MCh, DNB, and Roy John Korula, MCh, FACS

1177 Late Embolization of Amplatzer Patent Ductus Arteriosus Occlusion Device With Thoracic Aorta Embedment

David Michael McMullan, MD, Achintya Moulick, MD, and Richard A. Jonas, MD

1179 Berlin Heart Ventricular Assist Device in a Child With Hypoplastic Left Heart Syndrome

Michael W. A. Chu, MD, Kapil Sharma, MD, Christo I. Tchervenkoff, MD, Luc F. Jutras, MD, Josée Lavoie, MD, Sam D. Shemie, MD, Eric Laliberte, CPC/CCP, Christos Calaritis, BS, CPC/CCP, and Renzo Cecere, MD

1181 Successful Use of the Toyobo Left Ventricular Assist Device in a 16-kg Girl Awaiting Cardiac Transplantation

Ayumu Masuoka, MD, Toshiyuki Katogi, MD, Haruhiko Asano, MD, Mika Iwazaki, MD, Takahiro Matsuoka, MD, Motonobu Nishimura, MD, and Shunei Kyo, MD

1183 Successful Use of Transvenous Atrial and Bifocal Left Ventricular Pacing in Ebstein's Anomaly After Tricuspid Prosthetic Valve Surgery

J. Alberto Lopez, MD, and D. Richard Leachman, MD

1185 Postpneumonectomy Syndrome: A Spectrum of Clinical Presentations

Eric L. R. Bédard, MD, MS, Karl Uy, MD, and Shaf Keshavjee, MD, FRCSC

1188 Unusual Case of Hemoptysis 13 Years After Bilobectomy

Subroto Paul, MD, Siva Raja, MD, PhD, Stacey Su, MD, Jacques P. Fontaine, MD, Lambros Zellos, MD, and David J. Sugarbaker, MD

1190 Septic Arthritis of the Manubriosternal Joint

Edward W. K. Peng, MRCS, Graham McKillop, FRCR, Sai Prasad, FRCS, and William S. Walker, FRCS

1194 Intrapulmonary Teratoma: An Exceptional Disease

Sandeep S. Rana, MS, MCh, Naveen Swami, MS, Sudhir Mehta, MS, MCh, Jaswinder Singh, MS, MCh, and Suvkanta Biswal, MS

1196 Facial Flushing Due to Recurrent Bronchial Carcinoid

Somshekar Ganti, FRCS, Richard Milton, FRCS, Leslie Davidson, FRCP, and Andrew Thorpe, FRCS

1197 Oral Erosive Lichen Planus Regression After Thymoma Resection

Antonio Bobbio, MD, PhD, Paolo Vescovi, MD, PhD, Luca Ampollini, MD, and Michele Rusca, MD

1199 Successful Steroid Treatment for Fibrosing Mediastinitis and Sclerosing Cervicitis

Koei Ikeda, MD, PhD, Hiroaki Nomori, MD, PhD, Takeshi Mori, MD, Hironori Kobayashi, MD, Kazunori Iwatani, MD, Kentaro Yoshimoto, MD, and Masakazu Yoshioka, MD

1201 Bilateral Diaphragmatic Plication in the Setting of Bilateral Sequential Lung Transplantation

Mohammad Shihata, MD, and John C. Mullen, MD

IMAGES IN CARDIOTHORACIC SURGERY

1204 64-Slice CT Angiography of Saphenous Vein Graft Anastomoses Fashioned With Interrupted Nitinol Clips

Mark A. Peterman, MD, Baron L. Hamman, MD, and Jeffrey M. Schussler, MD

1205 Atypical Presentation of Xanthoma Mimicking Thymoma

Taketomo Mizukami, MD, Masaki Hamamoto, MD, PhD, Kazumasa Orihashi, MD, PhD, and Taijiro Sueda, MD, PhD

HOW TO DO IT

1206 Beating Heart Aortic Valve Replacement After Previous Coronary Artery Bypass Surgery With a Patent Internal Mammary Artery Graft

Roberto Battellini, MD, Ardawan Julian Rastan, MD, Alexander Fabricius, MD, Martin Moscoso-Luduena, MD, Nicole Lachmann, MD, and Friedrich Wilhelm Mohr, MD, PhD

1210 New Transverse Plate Fixation System for Complicated Sternal Wound Infection After Median Sternotomy

Andre Plass, MD, Jürg Grünfelder, MD, Oliver Reuthebuch, MD, Robert Vachenauer, MD, Jean-Marc Gauer, MD, Gregor Zünd, MD, and Michele Genoni, MD

1213 Long-Segment Tracheal Stenosis Treated with Vascularized Mucosa and Short-Term Stenting

Steven Stamenkovic, MD, Robert Hierner, MD, PhD, Paul De Leyn, MD, PhD, and Pierre Delaere, MD, PhD

1216 Transient Diaphragmatic Paralysis by Continuous Para-Phrenic Infusion of Bupivacaine: A Novel Technique for the Management of Residual Spaces

José M. Clavero, MD, Juan E. Cheyre, MD, María E. Solovera, MD, and Rodrigo P. Aparicio, MD

REVIEW

1219 Axillary Versus Femoral Cannulation for Aortic Surgery: Enough Evidence for a General Recommendation?

Helmut Gulbins, MD, Anita Pritisanac, MD, and Jürgen Ennker, MD

REPORT FROM THE WORKFORCE ON EVIDENCE-BASED SURGERY

1225 Guidelines for Reporting Data and Outcomes for the Surgical Treatment of Atrial Fibrillation

Richard J. Shemin, MD, James L. Cox, MD, A. Marc Gillinov, MD, Eugene H. Blackstone, MD, and Charles R. Bridges, MD

CORRESPONDENCE

1231 Novel Modification of Right Ventricle to Pulmonary Artery Shunt in Palliation of Hypoplastic Left Heart Syndrome

Christian Schreiber, MD, PhD, Zsolt Prodan, MD, Andreas Eicken, MD, and Lange Rüdiger, MD, PhD

Reply

John J. Nigro, MD, MS

1232 Definition of Coma in Postoperative Cardiac Surgery Patients Requiring Renal Replacement Therapy

James M. Cunningham, MD

Reply

Marzia Leacche, MD, and John G. Byrne, MD

1233 Pacemaker Lead Extraction

Richard B. McElvein, MD

1233 Cell-Based VEGF Delivery Prevents Donor Cell Apoptosis After Transplantation

Lei Ye, MD, PhD, Husnain Kh. Haider, MPharm, PhD, Changfa Guo, MD, and Eugene K. W. Sim, FRCS

Reply

Terrence M. Yau, MD, MS, Angelo DeGasperis, and Lorenza DeGasperis

1234 Blunt Diaphragmatic Rupture Mandates a Search for Blunt Aortic Injury: An Update

Talat S. Chughtai, MD, Philip Sharkey, MHK, Fred Brenneman, MD, and Sandro Rizoli, MD

<p>1235 Re-Evaluation of Toxicity and Long-Term Follow-Up of Isolated Lung Perfusion With Melphalan in Patients With Resectable Pulmonary Metastases: A Phase I and Extension Trial Marco J. J. H. Grootenboers, MD, Franz M. N. H. Schramel, MD, PhD, Wim J. van Boven, MD, Bart P. van Putte, MD, PhD, Jeroen M. H. Hendriks, MD, PhD, and Paul E. Y. Van Schil, MD, PhD</p>	<p>985</p> <p>Notice From the American Board of Thoracic Surgery Regarding Trainees and Candidates for Certification Who Are Called to Military Service Related to the War on Terrorism</p>
<p>A-34 Information for Authors</p>	<p>992</p> <p>Notice From the American Board of Thoracic Surgery</p>
<p>A-39 Conditions for Publication Form</p>	<p>1081</p> <p>The Society of Thoracic Surgeons Policy Action Center</p>
<p>A-41 Guidelines for Reviewers</p>	<p>1088</p> <p>Southern Thoracic Surgical Association: Fifty-Fourth Annual Meeting</p>
<p>A-43 Events of Interest</p>	<p>1120</p> <p>Member and Individual Subscriber Access to the Online Annals</p>
<p>953 Requirements for Recertification/Maintenance of Certification in 2007</p>	<p>A-47-9</p> <p>CME Preview</p>
<p>957 Online Discussion Forum</p>	<p>A-51</p> <p>Classified Advertisements</p>
	<p>A-59</p> <p>Index to Advertisers</p>
	<p>A-60</p> <p>Southern Thoracic Surgical Association Rules for Submission of Abstracts</p>

Number 4 April 2007

EDITORIAL

1237 An Innovative New Concept for Quality Measurement in Adult Cardiac Surgery
Frederick L. Grover, MD

THE STATISTICIAN'S PAGE

1240 What Are the Odds?
Gary L. Grunkemeier, PhD, and YingXing Wu, MD

ORIGINAL ARTICLES: GENERAL THORACIC

1245 Thoracoscopic Lobectomy Facilitates the Delivery of Chemotherapy after Resection for Lung Cancer
Rebecca P. Petersen, MD, MS, DuyKhanh Pham, MD, William R. Burfeind, MD, Steven I. Hanish, MD, Eric M. Toloza, MD, PhD, David H. Harpole, Jr, MD, and Thomas A. D'Amico, MD



1251 Long-Term Follow-Up of Ultraflex Metallic Stents in Benign and Malignant Central Airway Obstruction
Syed A. Husain, MRCP, David Finch, BS (Hons), Manzoor Ahmed, MBBS, Anthony Morgan, FRCS, and Martin R. Hetzel, MD, FRCP

1257 Defining the Optimal Treatment of Locally Advanced Esophageal Cancer: A Systematic Review and Decision Analysis
Andrew J. Graham, MD, MS, Fiona M. Shrive, PhD, William A. Ghali, MD, MPH, Braden J. Manns, MD, MS, Sean C. Grondin, MD, MPH, Richard J. Finley, MD, and Joanne Clifton, MS

Invited Commentary
William Burfeind, Jr, MD

1265 Appraisal of a Revised Lymph Node Classification System for Esophageal Squamous Cell Cancer
Dipok Kumar Dhar, PhD, Shinji Hattori, MD, Yasuhito Tonomoto, MD, Tadakazu Shimoda, PhD, Hoichi Kato, PhD, Mitsuo Tachibana, PhD, Kosho Matsuura, MD, Yojiro Mitsumoto, PhD, Alex G. Little, MD, and Naofumi Nagasue, PhD

1273 Surgical Outcome of Colon Interposition by the Posterior Mediastinal Route for Thoracic Esophageal Cancer

Satoru Motoyama, MD, Michihiko Kitamura, MD, Reijiyo Saito, MD, Kiyotomi Maruyama, MD, Yusuke Sato, MD, Kaori Hayashi, MD, Hajime Saito, MD, Yoshihiro Minamiya, MD, and Jun-ichi Ogawa, MD

Invited Commentary
Eddie L. Hoover, MD

ORIGINAL ARTICLES:
CARDIOVASCULAR

1279 Effect of Aortic Valve Replacement for Aortic Stenosis on Severity of Mitral Regurgitation

CME
Frédéric Vanden Eynden, MD, Denis Bouchard, MD, Ismaïl El-Hamamsy, MD, Ady Butnaru, MD, Philippe Demers, MD, Michel Carrier, MD, Louis P. Perrault, MD, Jean-Claude Tardif, MD, and Michel Pellerin, MD

1285 The Ross Procedure: Clinical and Echocardiographic Follow-Up in 219 Consecutive Patients

Bruno Chiappini, MD, PhD, Bruno Absil, MD, Jean Rubay, MD, PhD, Philippe Noirhomme, MD, Jean-Christophe Funken, MD, Robert Verhelst, MD, Alain Poncelet, MD, and Gebrine El Khoury, MD

1290 Endothelial Nitric Oxide Synthase in Bicuspid Aortic Valve Disease

Diana Aicher, MD, Carmen Urbich, MD, Andreas Zeiher, PhD, Stefanie Dimmeler, PhD, and Hans-Joachim Schäfers, PhD

1295 Predictors of Death and Impact of Surgery in *Staphylococcus aureus* Infective Endocarditis

Jean Paul Remadi, MD, Gilbert Habib, MD, Georges Nadji, MD, Amel Brahim, MD, Franck Thuny, MD, Jean Paul Casalta, MD, Marcel Peltier, MD, and Christophe Tribouilloy, MD, PhD

1303 Edge-to-Edge Mitral Repair Without Annuloplasty in Combination With Surgical Ventricular Restoration

Ulrik Sartipy, MD, Anders Albåge, MD, PhD, Eva Mattsson, MD, and Dan Lindblom, MD, PhD

1310 Hemodynamic Performance of the Medtronic Mosaic Porcine Bioprosthesis Up to Ten Years

Friedrich-Christian Riess, MD, Ralf Bader, MD, Eva Cramer, MD, Lorenz Hansen, MD, Bér Kleijnen, MS, Gunther Wahl, MD, Jürgen Wallrath, PhD, Stephan Winkel, MD, and Niels Bleese, MD

1319 Ten-year Experience With the Cox-Maze Procedure for Atrial Fibrillation: How Do We Define Success?

John M. Stulak, MD, Thoralf M. Sundt III, MD, Joseph A. Dearani, MD, Richard C. Daly, MD, Thomas A. Orsulak, MD, and Hartzell V. Schaff, MD

Invited Commentary

Hauw T. Sie, MD, and Anand R. Ramdat Misier, MD, PhD

1326 Practical Regimen for Amiodarone Use in Preventing Postoperative Atrial Fibrillation

Lars R. Zebis, MD, Thomas D. Christensen, MD, PhD, Henrik F. Thomsen, MS, PhD, Martin M. Mikkelsen, MD, Lars Folkersen, MD, Henrik T. Sørensen, DMSc, and Vibeke E. Hjortdal, DMSc

1332 Postoperative Atrial Fibrillation is Not Correlated to C-Reactive Protein

Anders J. Ahlsson, MD, Lennart Bodin, PhD, Olof H. Lundblad, MD, and Anders G. Englund, MD, PhD

1338 Natural History of Ascending Aortic Aneurysms in the Setting of an Unreplaced Bicuspid Aortic Valve

Ryan R. Davies, MD, Ryan K. Kaple, BA, Divakar Mandapati, MD, Amy Gallo, MD, Donald M. Botta, Jr, MD, John A. Elefteriades, MD, and Michael A. Coady, MD, MPH

1345 Delayed Spinal Cord Deficits After Thoracoabdominal Aortic Aneurysm Repair

Daniel R. Wong, MD, MPH, Joseph S. Coselli, MD, Karen Amerman, MS, CRNA, John Bozinovski, MD, Stacey A. Carter, BA, William K. Vaughn, PhD, and Scott A. LeMaire, MD

1356 Left Ventricular Diastolic Dysfunction in Chronic Aortic Dissection

Yasushige Shingu, MD, Norihiko Shiyya, MD, PhD, Taisei Mikami, MD, PhD, Kenji Matsuzaki, MD, Takashi Kunihara, MD, PhD, and Yoshiro Matsui, MD, PhD

1361 Evaluation of Robotic Coronary Surgery With Intraoperative Graft Angiography and Postoperative Multislice Computed Tomography

Thomas Schachner, MD, Gudrun M. Feuchtner, MD, Johannes Bonatti, FETCS, MD, Nikolaos Bonaros, MD, Armin Oehlinger, MD, Eva Gassner, MD, Otmar Pachinger, MD, FESC, and Guy Friedrich, MD, FESC

1368 On-Pump Beating-Heart Coronary Artery Bypass: A Propensity Matched Analysis

Shinichi Mizutani, MD, Akio Matsuura, MD, Ken Miyahara, MD, Tadahito Eda, MD, Akemi Kawamura, MD, Teruaki Yoshioka, MD, and Katsuhiko Yoshida, MD

1374 Simvastatin Increases Neutrophil Apoptosis and Reduces Inflammatory Reaction After Coronary Surgery
Massimo Chello, MD, Amedeo Anselmi, MD, Cristiano Spadaccio, MD, Giuseppe Patti, MD, Costanza Goffredo, MD, Germano Di Sciascio, MD, and Elvio Covino, MD

1381 Improved Health-Related Quality of Life and Functional Status After Surgical Ventricular Restoration
Ulrik Sartipy, MD, Anders Albåge, MD, PhD, and Dan Lindblom, MD, PhD
Invited Commentary
Gerald D. Buckberg, MD

1389 Postcardiac Surgical Cognitive Impairment in the Aged Using Diffusion-Weighted Magnetic Resonance Imaging
David J. Cook, MD, John Huston III, MD, Max R. Trenerry, PhD, Robert D. Brown, Jr, MD, Kenton J. Zehr, MD, and Thoralf M. Sundt III, MD

1396 Clostridium difficile in Cardiac Surgery: Risk Factors and Impact on Postoperative Outcome
Traves Crabtree, MD, Doug Aitchison, MD, Bryan F. Meyers, MD, Heidi Tymkew, MHS, Jennifer R. Smith, PharmD, Tracey J. Guthrie, BSN, Nabil Munfakh, MD, Marc R. Moon, MD, Michael K. Pasque, MD, Jennifer Lawton, MD, Nader Moazami, MD, and Ralph J. Damiano, Jr, MD

1403 Cardiac Surgery in Patients With Body Mass Index of 50 or Greater
Mauricio A. Villavicencio, MD, Thoralf M. Sundt III, MD, Richard C. Daly, MD, Joseph A. Dearani, MD, Christopher G. A. McGregor, MB, FRCS, Charles J. Mullany, MB, MS, Thomas A. Orszulak, MD, Francisco J. Puga, MD, and Hartzell V. Schaff, MD

1412 Application of the Human Factors Analysis and Classification System Methodology to the Cardiovascular Surgery Operating Room
Andrew W. ElBardissi, BS, Douglas A. Wiegmann, PhD, Joseph A. Dearani, MD, Richard C. Daly, MD, and Thoralf M. Sundt III, MD

1420 Long-Term Follow-Up After Pacemaker Implantation in Neonates and Infants
CME Natalie C. Aellig, MS, Christian Balmer, MD, Ali Dodge-Khatami, MD, PhD, Mariette Rahn, MD, René Prêtre, MD, and Urs Bauersfeld, MD
Invited Commentary
Markus K. Heinemann, MD, PhD

1425 Attentional Dysfunction in Children After Corrective Cardiac Surgery in Infancy
Hedwig H. Hövels-Gürich, MD, Kerstin Konrad, PhD, Daniela Skorzenski, Beate Herpertz-Dahlmann, MD, Bruno J. Messmer, MD, and Marie-Christine Seghaye, MD

1431 Cerebral Oxygen Saturation Does Not Normalize Until After Stage 2 Single Ventricle Palliation
Kathleen N. Fenton, MD, Katherine Lessman, BS, Kimberly Glogowski, CCP, Sherrie Fogg, CCP, and Kim F. Duncan, MD
Invited Commentary
Ralph Delius, MD

1438 Causes of Death After Congenital Heart Surgery
Marsha Ma, MD, Kimberlee Gauvreau, ScD, Catherine K. Allan, MD, John E. Mayer, Jr, MD, and Kathy J. Jenkins, MD, MPH

1446 Persistent Pulmonary Hypertension of the Newborn With Transposition of the Great Arteries
Marcus T. R. Roofthooft, MD, Klasina A. Bergman, MD, Tjalling W. Waterbol, MD, Tjark Ebels, MD, PhD, Beatrijs Bartelds, MD, PhD, and Rolf M. F. Berger, MD, PhD

1451 Surgical Results of Arterial Switch Operation for Taussig-Bing Anomaly: Is Position of the Great Arteries a Risk Factor?
Mark D. Rodefeld, MD, Mark Ruzmetov, MD, PhD, Palaniswamy Vijay, PhD, MPH, Andrew C. Fiore, MD, Mark W. Turrentine, MD, and John W. Brown, MD

1458 Neonatal Mitral and Tricuspid Valve Repair for In Utero Papillary Muscle Rupture
Petros V. Anagnostopoulos, MD, Nelson Alphonso, MD, Lars Nölke, MD, Lisa K. Hornberger, MD, Gary W. Raff, MD, Anthony Azakie, MD, and Tom R. Karl, MD

1463 Long-Term Results of Repair of Anomalous Origin of the Left Coronary Artery From the Pulmonary Artery
Rüdiger Lange, MD, PhD, Manfred Vogt, MD, PhD, Jürgen Hörer, MD, Julie Cleuziou, MD, Andrea Menzel, MD, Klaus Holper, MD, PhD, John Hess, MD, PhD, and Christian Schreiber, MD, PhD
Invited Commentary
Christian Pizarro, MD

1472 Anomalous Coronary Artery From the Wrong Sinus of Valsalva: A Physiologic Repair Strategy
Nelson Alphonso, MD, Petros V. Anagnostopoulos, MD, Lars Nölke, MD, Anita Moon-Grady, MD, Anthony Azakie, MD, Gary W. Raff, MD, and Tom R. Karl, MD

1477 Complement Factor 1 Inhibitor Improves Cardiopulmonary Function in Neonatal Cardiopulmonary Bypass
Kamran Baig, MRCS, Rashid Nassar, PhD, Damian M. Craig, MS, George Quick, Jr, Hai Xiang Jiang, MD, PhD, Michael M. Frank, MD, Andrew J. Lodge, MD, Page A. W. Anderson, MD, and James Jaggers, MD

1484 Therapeutic Benefit of Intrathecal Injection of Marrow Stromal Cells on Ischemia-Injured Spinal Cord
Enyi Shi, MD, PhD, Teruhisa Kazui, MD, PhD, Xiaojing Jiang, MD, Naoki Washiyama, MD, PhD, Katsushi Yamashita, MD, PhD, Hitoshi Terada, MD, PhD, and Abul Hasan Muhammad Bashar, MBBS, PhD

Invited Commentary

Tatu Juvonen, MD, PhD, and Petri Lehenkari, MD, PhD

1491 Therapeutic Potential of Human Umbilical Cord Derived Stem Cells in a Rat Myocardial Infarction Model
Kai Hong Wu, MD, PhD, Bin Zhou, PhD, Cun Tao Yu, MD, Bin Cui, MD, Shi Hong Lu, BS, Zhong Chao Han, MD, PhD, and Ying Long Liu, MD

Invited Commentary

Yao Liang Tang, MD, PhD, and Michael Ian Phillips, PhD, Dsc, FAHA

1501 Novel Method of Decellularization of Porcine Valves Using Polyethylene Glycol and Gamma Irradiation
Takeyoshi Ota, MD, PhD, Satoshi Taketani, MD, Shigemitsu Iwai, MD, PhD, Shuji Miyagawa, MD, PhD, Masakazu Furuta, PhD, Masayuki Hara, PhD, Eiichiro Uchimura, PhD, Yutaka Okita, MD, PhD, and Yoshiki Sawa, MD, PhD

NEW TECHNOLOGY

1508 Superiority of Using Bipolar Radiofrequency Energy for Internal Mammary Artery Harvesting
Thomas A. Vassiliades, Jr, MD, Ned Cosgriff, MD, Amy Denham, BSEE, Jessica Olson, MSME, and Donald H. Maul, DVM

1513 Measurement of Non-Physiological Movement in Sternal Instability by Ultrasound
Doa El-Ansary, BAppSc (Phty), Gordon Waddington, PhD, and Roger Adams, PhD

Invited Commentary

James A. Magovern, MD

CASE REPORTS

1518 Surgical Resection of Melorheostosis in the Ribs
Binayak Chanda, MRCS, and Russell W. J. Millner, FRCS (C-Th)

1519 Bronchopleural Fistula Repair During Clagett Closure Utilizing a Collagen Matrix Plug
Subroto Paul, MD, Simon G. Talbot, MD, Matthew Carty, MD, Dennis P. Orgill, MD, PhD, and Lambros Zellos, MD, MPH

1521 Massive Spontaneous Hemopneumothorax Complicating Rheumatoid Lung Disease
Ahmet Basoglu, MD, Burcin Celik, MD, and Tulin Durgun Yetim, MD

1523 Rare Pleural Recurrence of Typical Pulmonary Carcinoid Tumor 30 Years After Lobectomy
Askari P. Townshend, BMBS, BMedSci, Bhanu Lakshminarayanan, BMBS, Antonio E. Martin Ucar, FRCS, Zia R. Chaudry, MRCPATH, and John P. Duffy, C-Th

1524 Platypnea-Orthodeoxia Syndrome After Pneumonectomy Relieved by Mediastinal Repositioning
Christophoros Kotoulas, PhD, FETCS, Konstantinos Patris, MD, DEAA, Konstantinos Tsintiris, MD, Antonios Zoumboulides, MD, Kiriakos Lazarides, PhD, and Georgios Laoutides, MD

1526 Shock Induced by Spontaneous Rupture of a Giant Thymoma
Stefano Santoprete, MD, Mark Ragusa, MD, FCCP, Moira Urbani, MD, and Francesco Puma, MD

1528 Posterior Mediastinal Chondromatous Hamartoma
Suad Gholoum, MD, Richard Fraser, MD, and Lorenzo E. Ferri, MD

1530 Drug-Eluting Stent-Induced Left Anterior Descending Coronary Artery Aneurysm: Repair by Pericardial Patch—Where Are We Headed?
Suvitesh Luthra, MRCS-Ed, MCh(CTVS), James Tatoulis, MS, FRACS, and Roderic J. Warren, PhD

1532 Hybrid Therapy for Rapid Enlargement of Hibernating Coronary Arteriovenous Fistulas
Shizu Oyamada, MD, Junjiro Kobayashi, MD, Osamu Tagusari, MD, Kazuo Niwaya, MD, Hiroyuki Nakajima, MD, Shunichi Miyazaki, MD, Kohji Kimura, MD, Shigeyuki Echigo, MD, and Soichiro Kitamura, MD

1535 One-Stage Repair With a New Integrated Stent-Dacron Prosthesis for Type B Aortic Dissection
Aristotelis Panos, MD, Spyros Kalakonas, MD, Elefterios Chouliaras, MD, and Gregory Khatchatourov, MD

1537 One-Step Surgical Approach of a Thoracic Aortic Aneurysm in Wiskott-Aldrich Syndrome
Eduardo Bernabeu, MD, Miguel Josa, MD, Benet Nomdedeu, MD, PhD, José Ramírez, MD, PhD, Antonio García-Valentín, MD, Carlos A. Mestres, MD, PhD, and Jaime Mulet, MD, PhD

1539 Removal of a Left Atrial Thrombus Adherent to a Patent Foramen Ovale Occluder
Peter Krieg, MD, Harald Lapp, MD, PhD, Klaus Pethig, MD, PhD, Jan F. Gummert, MD, PhD, and Torsten Bossert, MD

1541 Valvular Heart Disease Associated With Fenfluramine Detected 7 Years After Discontinuation of Treatment
Guillaume Greffe, MD, Lara Chalabreysse, MD, Carine Mouly-Bertin, MD, Pierre Lantelme, MD, PhD, Françoise Thivolet, MD, Gilles Aulagner, MD, and Jean-François Obadia, MD, PhD

1544 Combined Simultaneous Heart and Liver Transplantation With Complete Cardiopulmonary Bypass Support
Pierre-Luc Bernier, MD, Marlene Grenon, MD, Patrick Ergina, MD, Thomas Schricker, MD, Prosanto Chaudhury, MD, Peter Metrakos, MD, and Kevin Lachapelle, MD

1545 Cardiac Autotransplantation and Radical Bi-Atrial Resection for Recurrent Atrial Myxoma
James S. Gammie, MD, A. Reza Abrishamchian, MD, and Bartley P. Griffith, MD

1547 Postoperative Coagulopathy in a Pediatric Patient After Exposure to Bovine Topical Thrombin
Sheri S. Crow, MD, Vita V. Sullivan, MD, Agnes E. Aysola, MD, Nigel S. Key, MB, FRCP, Paul Harker-Murray, MD, PhD, John E. Foker, MD, PhD, and Marie E. Steiner, MD, MS

1549 Extrapleural Intrathoracic Implantation of Permanent Pacemaker in the Pediatric Age Group
Ravi Agarwal, MCh, Ganapathy Subramaniam Krishnan, MCh, Smartin Abraham, MCh, Kinnari Bhatt, MD, Prem Sekar, MRCP, Snehal Kulkarni, MD, DNB, and Kotturathu Mammen Cherian, FRACS, DSc

1552 Congenital Defects of the Pericardium
Nigel E. Drury, BM (Hons), MRCS, Ravi J. De Silva, MD, MRCS, Roger M. O. Hall, MBChB, FANZCA, and Stephen R. Large, MD, FRCS

IMAGES IN CARDIOTHORACIC SURGERY

1554 Traumatic Rupture of the Pericardium
Matthew M. Carrick, MD, Hoang Q. Pham, MD, Bradford G. Scott, MD, and Matthew J. Wall, Jr, MD

1555 Detection of Unsuspected Mitral Valve Prolapse Using 64 Multi-Slice Computed Tomography
Grayson H. Wheatley III, MD, Shaun R. Opie, PhD, Dustin Maas, BS, John Sutherland, MD, and Edward B. Diethrich, MD

HOW TO DO IT

e-Only Content

e6 Modified Trifurcated Graft in Acute Type A Aortic Dissection With the Least Brain Ischemic Time
Chien-Chang Chen, MD, and Shih-Rong Hsieh, MD

1556 Bedside Right Ventricular Assist Device Removal in the Conscious Patient
William E. Cohn, MD, Igor D. Gregoric, MD, Saverio La Francesca, MD, and O. H. Frazier, MD

1558 Staged Reoperation: A Novel Strategy for High-Risk Patients
William Cohn, MD, Igor D. Gregoric, MD, and O. H. Frazier, MD

1560 Anterior Mitral Leaflet Augmentation With Autologous Pericardium
Stéphane Aubert, MD, MS, Erwan Flecher, MD, Sylvain Rubin, MD, Christophe Acar, MD, and Iraadj Gandjbakhch, MD

1562 Surgical Ostioplasty for Isolated Left Main Stenosis
Jayesh Dhareshwar, MD, Kenton J. Zehr, MD, and Hartzell V. Schaff, MD

1564 Cavoatrial Tumor Thrombectomy With Systemic Circulatory Arrest and Antegrade Cerebral Perfusion
Alessandro Mazzola, MD, Renato Gregorini, MD, Carmine Villani, MD, Laura B. Colantonio, MD, Raffaele Giancola, MD, Giovanni L. Gravina, MD, and Carlo Vicentini, MD, FP

1566 Use of the Aberrant Right Subclavian Artery in Complex Aortic Arch Reconstruction
Emile A. Bacha, MD, and Ray Sawaqed, MD

REPORT FROM THE WORKFORCE ON EVIDENCE-BASED MEDICINE

1569 The Society of Thoracic Surgeons Practice Guideline Series: Antibiotic Prophylaxis in Cardiac Surgery, Part II: Antibiotic Choice
Richard Engelman, MD, David Shahian, MD, Richard Shemin, MD, T. Sloane Guy, MD, Dale Bratzler, DO, MPH, Fred Edwards, MD, Marshall Jacobs, MD, Hiran Fernando, MD, and Charles Bridges, MD, ScD

REPORT

1577 2006 Meeting Southern Thoracic Surgical Association
Robert Cerfolio, MD

CORRESPONDENCE

1578 Thoracoscopic Lobectomy for Impaired or Complex Patients: An Update
Todd L. Demmy, MD

1578 Amelioration of Specific Phobias After Thoracic Sympathetic Block in Patients With Localized Hyperhidrosis
Matthias O. Biebl, MD, Gustav Fraedrich, MD, Peter Larcher, MD, Helmut Biedermann, MD, Matthias O. Biebl, MD, and Wilfried Biebl, MD

1579 Another Option for Severe Caustic Oropharyngeal Stricture?
John A. Odel, MB, FRCS(Ed)

Reply
Hoseok I, MD, and Young Mog Shim, MD

1580 Problems in Per-Operative Secundum Atrial Septal Defect Device Closure: Our Experience
Mahadev D. Dixit, DNB, Kizakke K. Pradeep, MCh, Mohan Gan, MCh, and Aruneshwari Dayal, MCh

1580 Endoscopic Radial Artery Harvesting With a Novel Vessel Sealing System
Gianluigi Bisleri, MD, Tomaso Bottio, MD, PhD, and Claudio Muneretto, MD

1581 Surgical Pitfalls of the Quadricuspid Aortic Valve
Oktay Tutarel, MD, Philipp Roentgen, MD, and Mechthild Westhoff-Bleck, MD

Reply
Paul A. Pirundini, MD, Kevin J. Lilly, CCP, and Robert J. Rizzo, MD

REVIEW OF RECENT BOOKS

1582 Transcatheter Valve Repair, Edited by Ziyad M. Hijazi, MD, Philipp Bonhoeffer, MD, Ted Feldman, MD, and Carlos E. Ruiz, MD
Michael J. Mack, MD

CONSENSUS STATEMENT

1583 Consensus Statement on Mandatory Registration of Clinical Trials

ANNOUNCEMENTS

A-38 Information for Authors

A-43 Conditions for Publication Form

A-45 Guidelines for Reviewers

A-47 Events of Interest

1272 Online Discussion Forum

1302 Requirements for Recertification/Maintenance of Certification in 2007

1337 Notice From the American Board of Thoracic Surgery Regarding Trainees and Candidates for Certification Who Are Called to Military Service Related to the War on Terrorism

1373 Notice From the American Board of Thoracic Surgery

1402 The Society of Thoracic Surgeons Policy Action Center

1445 Southern Thoracic Surgical Association: Fifty-Fourth Annual Meeting

1457 The Society of Thoracic Surgeons: Forty-Fourth Annual Meeting

1500 Member and Individual Subscriber Access to the Online Annals

A-51 Classified Advertisements

A-61 Southern Thoracic Surgical Association Rules for Submission of Abstracts

A-62-3 Southern Thoracic Surgical Association Membership Requirements and Application

A-64 Index to Advertisers

Number 5 May 2007

ANNOUNCEMENT**1585 Editorial Board Changes****THE STATISTICIAN'S PAGE**

1586 Actual and Actuarial Probabilities of Competing Risks: Apples and Lemons
 Gary L. Grunkemeier, PhD, Ruyun Jin, MD, Marinus J. C. Eijkemans, PhD, and Johanna J. M. Takkenberg, MD, PhD

THORACIC SURGERY DIRECTORS ASSOCIATION AWARD

1593 What Is the Optimal Management of Late-Presenting Survivors of Acute Type A Aortic Dissection?
 Ryan R. Davies, MD, Marcus P. Coe, BA, Divakar Mandapati, MD, Amy Gallo, MD, Donald M. Botta, MD, John A. Elefteriades, MD, and Michael A. Coady, MD, MPH

ORIGINAL ARTICLES:
CARDIOVASCULAR

1603 Proximal Reoperations After Repaired Acute Type A Aortic Dissection
 Anthony L. Estrera, MD, Charles C. Miller III, PhD, Martin A. Villa, MD, Taek-Yeon Lee, MD, PhD, Riad Meada, MD, Adel Irani, MD, Ali Azizzadeh, MD, Sheila Coogan, MD, and Hazim J. Safi, MD

1610 Reoperation for Giant False Aneurysm of the Thoracic Aorta: How to Reenter the Chest?
 Jean Bachet, MD, Manuel Pirotte, MD, François Laborde, MD, and Daniel Guilmet, MD

1615 Midterm Results of Aortic Repair Using a Fabric Neomedia and Fibrin Glue for Type A Acute Aortic Dissection
 Takayuki Nakajima, MD, Kohei Kawazoe, MD, Tsuyoshi Kataoka, MD, Hajime Kin, MD, Toshinobu Kazui, MD, Hitoshi Okabayashi, MD, and Hiroyuki Niinuma, MD

1621 Late Complications of Gelatin-Resorcin-Formalin Glue in the Repair of Acute Type A Aortic Dissection
 Hiroki Hata, MD, PhD, Hiroshi Takano, MD, PhD, Goro Matsumiya, MD, PhD, Norihide Fukushima, MD, PhD, Naomasa Kawaguchi, PhD, and Yoshiki Sawa, MD, PhD

Invited Commentary
 Scott A. LeMaire, MD

1628 Survival Benefit of Endovascular Descending Thoracic Aortic Repair for the High-Risk Patient
 Himanshu J. Patel, MD, Michael S. Shillingford, MD, David M. Williams, MD, Gilbert R. Upchurch, Jr, MD, Narasimham L. Dasika, MD, Richard L. Prager, MD, and G. Michael Deeb, MD

1635 Endovascular Stent-Graft Placement of Aneurysms Involving the Descending Aorta Originating From Chronic Type B Dissections

Martin Czerny, MD, Daniel Zimpfer, MD, Suzanne Rodler, MD, Martin Funovics, MD, Marion Dorfmeister, MS, Maria Schoder, MD, Gabriel Marta, MD, Ernst Weigang, MD, Roman Gottardi, MD, Johannes Lammer, MD, Ernst Wolner, MD, and Michael Grimm, MD

Invited Commentary
 Robert Scott Mitchell, MD

1641 Optimized Preservation of Extracellular Matrix in Cardiac Tissues: Implications for Long-Term Graft Durability

Katja Schenke-Layland, PhD, Jiansong Xie, MD, PhD, Sepideh Heydarkhan-Hagvall, PhD, Sarah F. Hamm-Alvarez, PhD, Ulrich A. Stock, MD, Kelvin G. M. Brockbank, PhD, and W. Robb MacLellan, MD

1651 Aortic Valve Replacement in Octogenarians: Risk Factors for Early and Late Mortality
 Spencer J. Melby, MD, Andreas Zierer, MD, Scott P. Kaiser, BS, Tracey J. Guthrie, RN, Jason D. Keune, BA, Richard B. Schuessler, PhD, Michael K. Pasque, MD, Jennifer S. Lawton, MD, Nader Moazami, MD, Marc R. Moon, MD, and Ralph J. Damiano, Jr, MD

1658 A Simplified Approach to Degenerative Disease: Triangular Resections of the Mitral Valve

Leo M. Gazoni, MD, Lynn M. Fedoruk, MD, John A. Kern, MD, John M. Dent, MD, T. Brett Reece, MD, Curtis G. Tribble, MD, Philip W. Smith, MD, Turner C. Lisle, MD, and Irving L. Kron, MD

1666 Long-Term Results of Bilateral Internal Thoracic Artery Grafting in Dialysis Patients

Masashi Kai, MD, Hitoshi Okabayashi, MD, PhD, Michiya Hanyu, MD, PhD, Yoshiharu Soga, MD, PhD, Takuya Nomoto, MD, PhD, Jota Nakano, MD, Takehiko Matsuo, MD, Eitaro Umebara, MD, and Masahide Kawato, MD

1672 Bypass Graft and Native Postanastomotic Coronary Artery Patency: Assessment With Computed Tomography

Daniele Andreini, MD, Gianluca Pontone, MD, Giovanni Ballerini, MD, Erika Bertella, MD, Enrica Nobili, MD, Alessandro Parolari, MD, PhD, and Mauro Pepi, MD

1679 Predictors of Early Postoperative Cerebral Infarction After Isolated Off-Pump Coronary Artery Bypass Grafting

Keiju Kotoh, MD, PhD, Kazuaki Fukahara, MD, PhD, Toshio Doi, MD, PhD, Saori Nagura, MD, and Takuro Misaki, MD, PhD

1684 Significance of Neurologic Complications in the Modern Era of Cardiac Transplantation

Andreas Zierer, MD, Spencer J. Melby, MD, Rochus K. Voeller, MD, Tracey J. Guthrie, RN, Ashraf S. Al-Dadah, MD, Bryan F. Meyers, MD, Michael K. Pasque, MD, Gregory A. Ewald, MD, Marc R. Moon, MD, and Nader Moazami, MD

Invited Commentary

Igor Knez, MD, and Bruno Rigler, MD

1691 Orthotopic Heart Transplantation in Patients With Marfan Syndrome

Christoph Knosalla, MD, PhD, Yu-guo Weng, MD, PhD, Robert Hammerschmidt, MD, Miralem Pasic, MD, PhD, Isabela Schmitt-Knosalla, DVM, Onnen Grauhan, MD, PhD, Michael Danel, MD, PhD, Hans B. Lehmkohl, MD, and Roland Hetzer, MD, PhD

Invited Commentary

Valluvan Jeevanandam, MD

1697 Medically Refractory Pulmonary Hypertension: Treatment With Nonpulsatile Left Ventricular Assist Devices

Christian D. Etz, MD, Henryk A. Welp, MD, Tony D. T. Tjan, MD, Andreas Hoffmeier, MD, Ernst Weigang, MD, Hans H. Scheld, MD, and Christof Schmid, MD

Invited Commentary

Paul Hendry, MD

1707 Atrial Fibrillation After Coronary Artery Bypass Grafting Surgery: Development of a Predictive Risk Algorithm

Mitchell J. Magee, MD, Morley A. Herbert, PhD, Todd M. Dewey, MD, James R. Edgerton, MD, William H. Ryan, MD, Syma Prince, RN, BSN, and Michael J. Mack, MD

1713 Health Care Consumption Due to Atrial Fibrillation is Markedly Reduced by Maze III Surgery

Per Wierup, MD, PhD, Hans Lidén, MD, Birgitta Johansson, MD, Michael Nilsson, CEO, Nils Edvardsson, MD, PhD, and Eva W.-O. Berglin, MD, PhD

1717 Prevention of Atrial Flutter With Cryoablation May Be Proarrhythmogenic

Peter Lukac, MD, PhD, Vibeke E. Hjortdal, MD, PhD, Anders K. Pedersen, MD, DMSc, Peter T. Mortensen, MD, Henrik K. Jensen, MD, PhD, and Peter S. Hansen, MD, PhD

Invited Commentary

G. Hossein Almassi, MD

1724 Video-Assisted Bilateral Epicardial Pulmonary Vein Isolation for the Treatment of Lone Atrial Fibrillation

Ertan Sagbas, MD, Belhan Akpinar, MD, Ilhan Sanisoglu, MD, Barış Caynak, MD, Burak Tamtekin, MD, Kerem Oral, MD, and Burak Onan, MD

1731 Novel Techniques for Tumor Thrombectomy for Renal Cell Carcinoma With Intraatrial Tumor Thrombus

Ujjwal K. Chowdhury, MCh, Anand K. Mishra, MS, Amlesh Seth, MCh, Prem N. Dogra, MCh, Jayanth H. V. Honnakkere, MCh, Ganapathy K. Subramaniam, MCh, Amber Malhotra, MS, Poonam Malhotra, MD, Neeti Makija, MD, and Panangipalli Venugopal, MCh

1737 Positive Heparin-Platelet Factor 4 Antibody Complex and Cardiac Surgical Outcomes

David C. Kress, MD, Solomon Aronson, MD, Monica L. McDonald, MD, Mohammad I. Malik, MD, Ajit B. Divgi, MD, Alfred J. Tector, MD, Francis X. Downey III, MD, Alfred J. Anderson, MS, Mia Stone, MS, RN, and Cassandra Clancy, RN

1744 Prognostic Significance of Elevated Cardiac Troponin I After Heart Surgery

A. Selcuk Adabag, MD, Thomas Rector, PhD, Salima Mithani, MD, John Harmala, MD, Herbert B. Ward, MD, PhD, Rosemary F. Kelly, MD, John T. Nguyen, MD, Edward O. McFalls, MD, PhD, and Hanna E. Bloomfield, MD, MPH

1751 Does Normothermic Normokalemic Simultaneous Antegrade/Retrograde Perfusion Improve Myocardial Oxygenation and Energy Metabolism for Hypertrophied Hearts?

Jian Wang, MD, Hongyu Liu, MD, PhD, Tomas A. Salerno, MD, Bo Xiang, DDS, Gang Li, MD, PhD, Marco Gruwel, PhD, Michael Jackson, PhD, Darren Manley, PhD, Boguslaw Tomanek, PhD, Roxanne Deslauriers, PhD, and Ganghong Tian, MD, PhD

Invited Commentary

Craig Selzman, MD

1760 Attenuated Renal and Intestinal Injury After Use of a Mini-Cardiopulmonary Bypass System
CME Rien A. J. M. Huybrechts, MD, Aurora M. Morariu, MD, PhD, Gerhard Rakhorst, PhD, Stefan R. Spiegelberg, MD, Hans W. A. Romijn, MD, Roel de Vroege, PhD, and Willem van Oeveren, PhD
Invited Commentary
 Michael Jessen, MD

1768 Outcomes After Bidirectional Glenn Operation: Blalock-Taussig Shunt Versus Right Ventricle-to-Pulmonary Artery Conduit
CME Lillian Lai, MHA, MD, Peter C. Laussen, MBBS, Clifford L. Cua, MD, David L. Wessel, MD, John M. Costello, MD, Pedro J. del Nido, MD, John E. Mayer, MD, and Ravi R. Thiagarajan, MBBS, MPH

1774 Geometric Disproportion of Cardiac Structure and Graft Ischemia Affect Tricuspid Valve Regurgitation Early After Neonatal Heart Transplantation
 Miki Asano, MD, PhD, Anees J. Razzouk, MD, Richard E. Chinnock, MD, and Leonard L. Bailey, MD

1781 Incidence of and Risk Factors for Pulmonary Autograft Dilation After Ross Aortic Valve Replacement
 John W. Brown, MD, Mark Ruzmetov, MD, PhD, Mark D. Rodefeld, MD, Yousuf Mahomed, MD, and Mark W. Turrentine, MD

1790 Long-Term Functional Assessment After Correction of Tetralogy of Fallot in Adulthood
 Adil Sadiq, MCh, Kumaralingam Gopalakrishnan Shyamkrishnan, MCh, Sanjay Theodore, MCh, Sreeram Gopalakrishnan, DM, Jagan Mohan Tharakan, DM, and Jayakumar Karunakaran, MCh
Invited Commentary
 Jürgen Höller, MD, and Christian Schreiber, MD, PhD

1797 Evaluation of the Coagulation System in Children with Two-Ventricle Congenital Heart Disease
 Kirsten C. Odegard, MD, David Zurkowski, PhD, Stephan Hornykewycz, MD, James A. DiNardo, MD, Robert A. Castro, MT, Ellis J. Neufeld, MD, PhD, and Peter C. Laussen, MBBS
Invited Commentary
 Joanne Guay, MD

ORIGINAL ARTICLES: GENERAL THORACIC

1805 Propensity-Matched Analysis of Three Techniques for Intrathoracic Esophagogastric Anastomosis
CME Shanda H. Blackmon, MD, MPH, Arlene M. Correa, PhD, Bob Wynn, BA, Wayne L. Hofstetter, MD, Linda W. Martin, MD, MPH, Reza J. Mehran, MD, David C. Rice, MB, BCh, Steven G. Swisher, MD, Garrett L. Walsh, MD, Jack A. Roth, MD, and Ara A. Vaporciyan, MD

1814 Immunopathological Patterns of the Stomach in Adenocarcinoma of the Esophagus, Cardia, and Gastric Antrum: Gastric Profiles in Siewert Type I and II Tumors
 Sandro Mattioli, MD, Alberto Ruffato, MD, Massimo Pierluigi Di Simone, MD, Barbara Corti, MD, Antonietta D'Errico, MD, Maria Luisa Lugaresi, MD, PhD, Benedetta Mattioli, SMS, and Frank D'Ovidio, MD, PhD

1820 Stereotactic Radiosurgery for the Treatment of Lung Neoplasm: Initial Experience
 Arjun Pennathur, MD, James D. Luketich, MD, Steven Burton, MD, Ghulam Abbas, MD, Dwight E. Heron, MD, Hiran C. Fernando, MD, William E. Gooding, MS, Cihat Ozhasoglu, PhD, Jill Ireland, BS, Rodney J. Landreneau, MD, and Neil A. Christie, MD

1826 Ratio of the Maximum Standardized Uptake Value on FDG-PET of the Mediastinal (N2) Lymph Nodes to the Primary Tumor May Be a Universal Predictor of Nodal Malignancy in Patients With Nonsmall-Cell Lung Cancer
 Robert James Cerfolio, MD, and Ayesha S. Bryant, MSPH, MD

1831 Pneumonectomy for Bronchogenic Carcinoma: Analysis of Factors Predicting Survival
 Nithya Ramnath, MD, Todd L. Demmy, MD, Ana Antun, MD, Nachimuthu Natarajan, MSc, MS, Chukwumere E. Nwogu, MD, Gregory M. Loewen, DO, and Mary E. Reid, PhD

1837 Association Between Surgeon and Hospital Volume and In-Hospital Fatalities After Lung Cancer Resections: The Experience of an Asian Country
 Yung-Chang Lien, MD, Ming-Te Huang, MD, and Herng-Ching Lin, PhD

1844 Self and Parental Assessment After Minimally Invasive Repair of Pectus Excavatum: Lasting Satisfaction After Bar Removal

Martin L. Metzelder, MD, Joachim F. Kuebler, MD, Johannes Leonhardt, MD, Benno M. Ure, MD, PhD, and Claus Petersen, MD, PhD

Invited Commentary

Peter Goldstraw, FRCS, and George Krasopoulos, MRCS

1850 Outpatient Microthoracoscopic Sympathectomy for Palmar Hyperhidrosis

Daniel L. Miller, MD, and Seth D. Force, MD

NEW TECHNOLOGY

1854 Stereolithographic Models for Surgical Planning in Congenital Heart Surgery

Ralf Sodian, MD, Stefan Weber, PhD, Mathias Markert, MS, Darius Rassoulian, MD, Ingo Kaczmarek, MD, Tim C. Lueth, PhD, Bruno Reichart, MD, and Sabine Daebritz, MD

1858 Use of Conventional Dual Chamber Pacemakers With Custom Lead Adapters to Induce Atrial Fibrillation or Heart Failure in Dogs

Faruk Cingoz, MD, George Yanulis, MS, Elizabeth Ching, RN, Kiyotaka Fukamachi, MD, PhD, and Don W. Wallick, PhD

CASE REPORTS

e-Only Content

e9 Effectiveness of Hyperbaric Oxygen Therapy for Hearing Loss After Cardiac Surgery
 Giuseppe Bruschi, MD, Giuseppe Tarelli, MD, Paola Colombo, MD, PhD, Giuseppe Cavallazzi, MD, Aldo Cannata, MD, Andrea Garatti, MD, and Ettore Vitali, MD

e11 Oral Sildenafil Ameliorates Impaired Pulmonary Circulation Early After Bidirectional Cavopulmonary Shunt
 Shintaro Nemoto, MD, PhD, Eitaro Umehara, MD, Tadashi Ikeda, MD, PhD, Tatsuya Itonaga, MD, and Masashi Komeda, MD, PhD

1863 Cardiogenic Shock: Collaboration Between Cardiac Surgery and Cardiology Subspecialties to Bridge to Recovery
 Louis E. Samuels, MD, Elena C. Holmes, CRNP, Kevin Hagan, CRNP, Robert S. Boova, MD, Sean Janzer, MD, and Dusan Kocovic, MD

1865 Successful Use of Bivalirudin as Anticoagulant for ECMO in a Patient With Acute HIT
 Andreas Koster, MD, Yuguo Weng, MD, Wolfgang Böttcher, ECP, Tom Gromann, MD, Hermann Kuppe, MD, and Roland Hetzer, MD

1867 Right Coronary Artery With High Takeoff

Arif Tarhan, MD, Tamer Kehlibar, MD, Mehmet Yilmaz, MD, Yucesin Arslan, MD, Cansin Pancaroglu, MD, Sinem Yigit, MD, and Azmi Ozler, ASC Prof

1869 Forearm Muscle Necrosis After Radial Artery Harvesting for Coronary Artery Bypass Surgery

Deowall Chattar-Cora, MD

1870 Thoracoscopic Radiofrequency Pulmonary Vein Isolation and Atrial Appendage Occlusion

John Puskas, MD, Edward Lin, DO, Dianne Bailey, PA-C, and Robert Guyton, MD

1873 Cardiac Resynchronization Therapy for Mitral Systolic Anterior Motion in a Child
 Gerben Truin, MD, Ad Backx, MD, Herbert van Wetten, MD, and Chris Neeleman, MD, PhD

1874 Bacteremia Causes Mycotic Aneurysm of the Aortic Arch in 110 Days

Hiroshi Iida, MD, PhD, Yoshio Sudo, MD, PhD, and Hideo Ukita, MD

1876 Takayasu's Arteritis Mimicking Acute Aortic Dissection

Sanjay Theodore, MCh, Karthik Vaidyanathan, MS, Byalal Raghavendrarao Jagannath, DNB, MadhuSankar Nainar, DNB, Jaishankar Krishnamoorthy, DM, and Kotturathu Mammen Cherian, FRACS

1879 Staged Therapeutic Approach in Spontaneous Coronary Dissection

Siamak Aliyary, MD, Massimo A. Mariani, MD, PhD, Patrick M. J. Verhorst, MD, PhD, Marc Hartmann, MD, Martin G. Stoel, MD, and Clemens von Birgelen, MD, PhD

1881 Successful Resection of a Primary Left Ventricular Schwannoma

Saverio La Francesca, MD, Igor D. Gregoric, MD, William E. Cohn, MD, and O. H. Frazier, MD

1882 Cardiac Paraganglioma Presenting With Acute Myocardial Infarction and Stroke
 Emil R. Hayek, MD, Michael M. Hughes, MD, Eric D. Speakman, MD, Hugh J. Miller, MD, and Patrick J. Stocker, MD

1884 Treatment of Plastic Bronchitis

Sushma Nayar, MD (Path), Ramesh Parmar, MD (Paed), Snehal Kulkarni, DNB (Card), and Kotturathu Mammen Cherian, FRACS

1886 Reverse Blalock-Taussig Shunt Facilitates the Growth of the Ascending Aorta After Hybrid Palliation

Tae-Jin Yun, MD, PhD, Won-Chul Cho, MD, Sung-Ho Jung, MD, Dong-Man Seo, MD, Hyun-Woo Goo, MD, and Young-Hwue Kim, MD

1888 Methicillin-Resistant *Staphylococcus Aureus* Pneumonia After Thoracic Surgery: Successful Treatment With Linezolid After Failed Vancomycin Therapy
Daniel Salerno, MD, Bobbak Vahid, MD, and Paul E. Marik, MD, FCCM

1891 Graft Pneumonectomy and Delayed Contralateral Lung Transplantation
David Gómez de Antonio, MD, Pablo Gámez, MD, PhD, Mar Córdoba, MD, Javier Moradiellos, MD, and Andres Varela, MD, PhD

1893 Prolonged Survival in a Patient With Recurrent Pulmonary Metastases Secondary to Mucinous Cystadenocarcinoma of the Appendix With Pseudomyxomatous Peritonei
Aftab A. Khan, MD, MRCS, Jeymi Tambiah, MS, FRCS, Paul Cane, FRCPath, and Loic Lang-Lazdunski, MD, PhD

1894 Elastofibroma Dorsi: Clinicopathologic Review of 6 Cases
Keith D. Mortman, MD, Gary M. Hochheiser, MD, Erica M. Giblin, MD, Yorell Manon-Matos, MD, and Kenneth M. Frankel, MD

1897 Tracheal Stenting of Iatrogenic Tracheal Injury: A Novel Management Approach
Adam C. Yopp, MD, Jeremy G. Eckstein, MD, Richard H. Savel, MD, and Sunil Abrol, MD

IMAGES IN CARDIOTHORACIC SURGERY

1900 Congenital Sternal Cleft in an Adult Male Not Associated With Cardiac Defects or Ectopia Cordis
Dimitrios Pousios, MD, Nikolaos Panagiotopoulos, MD, and Anastasios Piyis, MD

1901 Papillary Muscle Infarction: The Role of Magnetic Resonance Imaging
Rafael García-Fuster, MD, PhD, Jorge Estornell, MD, Ignacio Rodriguez, MD, and Vanesa Estevez, MD

HOW TO DO IT

1902 Simple, Safe and Easy Technique to Ensure the Correct Length of Artificial Chordae in Mitral Valve Repair
Khalil Fattouch, MD, PhD, Giuseppe Bianco, MD, PhD, Fabrizio Sbraga, MD, Roberta Sampognaro, MD, and Giovanni Ruvolo, MD

1904 Transaortic Delivery of the Transmitral Lesion in a Complete Maze Procedure
Lucian Lozonschi, MD, John H. Sirak, MD, and Robert E. Michler, MD

1906 A "Double Overlap" Suture Technique for the Proximal Attachment of a Composite Graft to the Aortic Annulus
John A. Rousou, MD, Abdallah K. Alameddine, MD, and Chunjie Yang, MD

1908 New Technique of Aortic Root Reconstruction With Aortic Valve Annuloplasty in Ascending Aortic Aneurysm
Akhtar Rama, MD, Sylvain Rubin, MD, Nicolas Bonnet, MD, and Iraadj Gandjbakhch, PhD

1911 Total Arterial Coronary Revascularization Using Arterial Bypass Circle With Multiple Inflows
Reida M. El Oakley, MD, and Hamad F. Al Habib, MBBS

1913 Convenient and Improved Method to Distinguish the Intersegmental Plane in Pulmonary Segmentectomy Using a Butterfly Needle
Mitsuhiro Kamiyoshihara, MD, Seiichi Kakegawa, MD, and Yasuo Morishita, MD

KEY REFERENCES

1915 Mediastinal Germ Cell Tumors
Kenneth A. Kesler, MD, and Lawrence H. Einhorn, MD

OUR SURGICAL HERITAGE

1916 Richard M. Peters, MD (1922–2006)
Hermes C. Grillo, MD, and John R. Benfield, MD

CORRESPONDENCE

1918 Use of The STS Database By Insurance Companies
John Kratz, MD
Reply
Frederick L. Grover, MD

1919 The Mechanisms of Chronic Ischemic Mitral Regurgitation
Marc A. Radermecker, MD, PhD, and Patrizzio Lancellotti, MD, PhD
Reply
Michael A. Borger, MD, PhD, and Tirone E. David, MD

1921 Can Cryopreservation Destroy the Extracellular Matrix of Pulmonary Allografts?
Pascal Maria Dohmen, MD, PhD, and Wolfgang Konertz, MD, PhD
Reply
Katja Schenke-Layland, PhD, and Ulrich A. Stock, MD

1922 Are Cerebral Emboli Real When Perfluorocarbon Emulsion (AF0144) is Used in Cardiac Surgery?	1650	Requirements for Recertification/Maintenance of Certification in 2007
Robert F. Mattrey, MD		
<i>Reply</i>	1657	Notice From the American Board of Thoracic Surgery Regarding Trainees and Candidates for Certification Who Are Called to Military Service Related to the War on Terrorism
Steven E. Hill, MD, and Hilary P. Grocott, MD		
1923 Alternative Conservative Therapy	1671	Notice From the American Board of Thoracic Surgery
Frank A. Baciewicz, Jr, MD		
<i>Reply</i>	1736	The Society of Thoracic Surgeons Policy Action Center
Edoardo Mercadante, MD, Domenico Curatola, MD, and Massimo Carlini, MD		
1924 Management of Postintubation Tracheobronchial Ruptures	1780	Southern Thoracic Surgical Association: Fifty-Fourth Annual Meeting
Massimo Conti, MD, Emmanuel Robin, MD, Henri Porte, MD, PhD, Charles-Hugo Marquette, MD, PhD, and Alain Wurtz, MD		
<i>Reply</i>	1796	The Society of Thoracic Surgeons: Forty-Fourth Annual Meeting
Edoardo Mercadante, MD, Cristiano Giovannini, MD, and Massimo Carlini, MD		
REVIEW OF RECENT BOOKS		
1926 Atlas of Mitral Valve Repair, by Edward B. Savage, MD, and Steven F. Bolling, MD	1836	Member and Individual Subscriber Access to the Online <i>Annals</i>
Tomislav Mihaljevic, MD		
ANNOUNCEMENTS		
A-38 Information for Authors	A-51	Classified Advertisements
A-43 Conditions for Publication Form	A-59	2008 Annual Meeting of The Society of Thoracic Surgeons, Call for Abstracts
A-45 Guidelines for Reviewers	A-60	Information About Membership in The Society of Thoracic Surgeons
A-47 Events of Interest	A-61	Index to Advertisers
1627 Online Discussion Forum		

Number 6 June 2007

PRESIDENTIAL ADDRESS

1927 Whom Does the Grail Serve? A Vision of Transformation in Thoracic Surgery
Ross M. Ungerleider, MD, MBA

THE STATISTICIAN'S PAGE

1934 Power and Sample Size: How Many Patients Do I Need?
Gary L. Grunkemeier, PhD, and Ruyun Jin, MD

ORIGINAL ARTICLES: GENERAL THORACIC

1940 Who Gains Most? A 10-Year Experience With 611 Thoracoscopic Talc Pleurodeses
CME Volker Steger, MD, Ute Mika, Heikki Toomes, MD, Tobias Walker, MD, Corinna Engel, Thomas Kyriss, MD, Gerhard Ziemer, MD, and Godehard Friedel, MD

1946 Localized Organizing Pneumonia: Report of 21 Cases
 Giulio Melloni, MD, George Cremona, MD, Alessandro Bandiera, MD, Gianluigi Arrigoni, MD, Nathalie Rizzo, MD, Roberto Varagona, MD, Giovanni Muriana, MD, Angelo Carretta, MD, Paola Ciriaco, MD, Barbara Canneto, MD, and Piero Zannini, MD

1952 Segmental Laryngotracheal and Tracheal Resection for Invasive Thyroid Carcinoma
 Henning A. Gaisert, MD, Jimmie Honings, MS, Hermes C. Grillo, MD, Dean M. Donahue, MD, John C. Wain, MD, Cameron D. Wright, MD, and Douglas J. Mathisen, MD

1960 Management of Iatrogenic Tracheobronchial Injuries: A Retrospective Analysis of 29 Cases
CME Thomas Schneider, MD, Konstantina Storz, MD, Hendrik Dienemann, MD, PhD, and Hans Hoffmann, MD, PhD

1965 Video-Assisted Thoracoscopic Surgery is More Favorable Than Thoracotomy for Resection of Clinical Stage I Non-Small Cell Lung Cancer
 Bryan A. Whitson, MD, Rafael S. Andrade, MD, Adam Boettcher, BS, Ricardo Bardales, BS, Robert A. Kratzke, MD, Peter S. Dahlberg, MD, PhD, and Michael A. Maddaus, MD

1971 Surgical Techniques and Results for Partial or Circumferential Sleeve Resection of the Pulmonary Artery for Patients with Non-Small Cell Lung Cancer
 Robert J. Cerfolio, MD, and Ayesha S. Bryant, MSPH, MD

1978 Transxiphoid Hand-Assisted Videothoracoscopic Surgery
 Tommaso Claudio Mineo, MD, Vincenzo Ambrogi, MD, Davide Mineo, MD, and Eugenio Pompeo, MD
Invited Commentary
 Frank C. Dettarbeck, MD

1986 Cardiac Function and Position More Than 5 Years After Pneumonectomy

Sietske A. Smulders, MD, Sebastiaan Holverda, MS, Anton Vonk-Noordegraaf, MD, PhD, Harrie C. M. van den Bosch, MD, Johannes C. Post, MD, PhD, J. Tim Marcus, PhD, Frank W. J. M. Smeenk, MD, PhD, and Pieter E. Postmus, MD, PhD

Invited Commentary
 Hyun-Sung Lee, MD, PhD

1993 Transhiatal Esophagectomy for Distal and Cardia Cancers: Implications of a Positive Gastric Margin
CME Paul D. DiMasto, MD, and Mark B. Orringer, MD

2000 Endoscopic Ultrasound Compared With Laparoscopy for Staging Esophageal Cancer
 Neeraj Kaushik, MD, Asif Khalid, MD, Debra Brody, RN, James Luketich, MD, and Kevin McGrath, MD

2003 Esophageal Stent Placement for the Treatment of Iatrogenic Intrathoracic Esophageal Perforation
 Richard K. Freeman, MD, Jaclyn M. Van Woerkom, RN, BSN, and Anthony J. Ascioni, MD

ORIGINAL ARTICLES: CARDIOVASCULAR

2009 Surgery of Left Ventricular Aneurysm: A Meta-Analysis of Early Outcomes Following Different Reconstruction Techniques
CME Alessandro Parolari, MD, PhD, Moreno Naliato, MD, Claudia Loardi, MD, Paolo Denti, MD, Matteo Trezzi, MD, Marco Zanobini, MD, PhD, Massimo Porqueddu, MD, PhD, Maurizio Roberto, MD, PhD, Samer Kassem, MD, Francesco Alamanni, MD, Elena Tremoli, PhD, and Paolo Biglioli, MD

Invited Commentary
 William Anderson, PhD

2017 Impact of Lateral Wall Myocardial Infarction on Outcomes After Surgical Ventricular Restoration
CME Nishant D. Patel, BA, Jason A. Williams, MD, Lois U. Nwakanma, MD, Eric S. Weiss, MD, and John V. Conte, MD

2029 Predicting Operative Mortality After Surgery for Ischemic Cardiomyopathy
CME Lynn M. Fedoruk, MD, Curtis G. Tribble, MD, John A. Kern, MD, Benjamin B. Peeler, MD, and Irving L. Kron, MD

2036 Long-Term Consequences of Postoperative Heart Failure After Surgery for Aortic Stenosis Compared With Coronary Surgery
 Farkas B. Vánky, MD, PhD, Erik Håkanson, MD, PhD, and Rolf Svedjeholm, MD, PhD

2044 Aortic Annular Enlargement During Aortic Valve Replacement: Improving Results With Time
Mark D. Peterson, MD, PhD, Michael A. Borger, MD, PhD, Christopher M. Feindel, MD, and Tirone E. David, MD

2050 Aortic Valve Replacement With 17-mm St. Jude Medical Prostheses for a Small Aortic Root in Elderly Patients
Tohru Takaseya, MD, PhD, Takemi Kawara, MD, PhD, Shigehiko Tokunaga, MD, PhD, Michitaka Kohno, MD, Yasuhisa Oishi, MD, PhD, and Shigeki Morita, MD, PhD

2054 Carpentier-Edwards Perimount Magna Valve Versus Medtronic Hancock II: A Matched Hemodynamic Comparison
Michael A. Borger, MD, PhD, A. Franka Nette, MD, Manjula Maganti, MS, and Christopher M. Feindel, MD
Invited Commentary
John R. Pepper, FRCS

2060 Efficacy and Safety of Aprotinin Use for Reoperative Valvular Surgery
Alfredo J. Rodrigues, MD, PhD, Paulo Roberto B. Évora, MD, PhD, Solange Bassetto, MD, Paula M. Luciano, MD, Lafaiete Alves, Jr, MD, Adilson S. Filho, MD, and Walter Villela de Andrade Vicente, MD, PhD

2066 Postconditioning the Human Heart with Adenosine in Heart Valve Replacement Surgery
Zhen-Xiao Jin, MD, Jing-Jun Zhou, PhD, Mei Xin, MS, Dao-Rong Peng, MD, Xi-Ming Wang, MS, Sheng-Hui Bi, MS, Xu-Feng Wei, MD, and Ding-Hua Yi, MD
Invited Commentary
Irvin Krukenkamp, MD

2074 Treatment of Endocarditis: A Decade of Experience
Matthew S. Slater, MD, Christopher B. Komanapalli, MD, Uttam Tripathy, MD, Pasala S. Ravichandran, MD, and Ross M. Ungerleider, MD

2081 Epidemiology and Clinical Outcomes of Infective Endocarditis in Hemodialysis Patients
Desikan Kamalakannan, MBBS, MRCP, Rama Manohara Pai, MBBS, Leonard B. Johnson, MD, FACP, Julius M. Gardin, MD, FACC, and Louis D. Saravolatz, MD, FIDSA
Invited Commentary
Tomas Salerno, MD, and Marco Ricci, MD

2087 The Topography of Aortic Atherosclerosis Enhances Its Precision as a Predictor of Stroke
Jan van der Linden, MD, PhD, Per Bergman, MD, PhD, and Leonidas Hadjinikolaou, MD, FRCS
Invited Commentary
Thomas V. Bilfinger, MD, ScD

2093 Does Stenosis Severity of Native Vessels Influence Bypass Graft Patency? A Prospective Fractional Flow Reserve–Guided Study
Cornelis J. Botman, MD, Jacques Schonberger, MD, PhD, Sjaak Koolen, MD, PhD, Olaf Penn, MD, PhD, Hilde Botman, MS, Nabil Dib, MD, MSc, Eric Eeckhout, MD, PhD, and Nico Pijls, MD, PhD

2098 Exclusive Internal Thoracic Artery Grafting in Triple-Vessel–Disease Patients: Angiographic Control
Alexandre Azmoun, MD, Ramzi Ramadan, MD, Nawwar Al-Attar, FRCS, PhD, Chokri Kortas, MD, Said Ghostine, MD, Christophe Caussin, MD, Marie-Laure Bourachot, MD, Bernard Lancelin, MD, Michel Slama, MD, PhD, and Remi Nottin, MD

2103 Impact of Residency Status on Perfusion Times and Outcomes for Coronary Artery Bypass Graft Surgery
Constance K. Haan, MD, Sarah Milford-Beland, MS, Sean O'Brien, PhD, Daniel Mark, MD, Mercedes Dullum, MD, T. Bruce Ferguson, MD, and Eric D. Peterson, MD

2111 Can the EuroSCORE Predict the Early and Mid-Term Mortality After Off-Pump Coronary Artery Bypass Grafting?
Young-Nam Youn, MD, Young-Lan Kwak, MD, and Kyung-Jong Yoo, MD

2118 Absence of Correlation Between Symptoms and Rhythm in “Symptomatic” Atrial Fibrillation
John R. Mehall, MD, Robert M. Kohut, Jr, BS, E. William Schneeberger, MD, Walter H. Merrill, MD, and Randall K. Wolf, MD

2122 Impact of Perfusion Strategy on Neurologic Recovery in Acute Type A Aortic Dissection
Andreas Zierer, MD, Marc R. Moon, MD, Spencer J. Melby, MD, Nader Moazami, MD, Jennifer S. Lawton, MD, Nicholas T. Kouchoukos, MD, Michael K. Pasque, MD, and Ralph J. Damiano, Jr, MD

2130 Anatomy of Spinal Cord Blood Supply in the Pig
Justus T. Strauch, MD, Alexander Lauten, MD, Ning Zhang, MD, Thorsten Wahlers, MD, and Randall B. Griep, MD

2135 Comparison of Survival in Primary and Repeat Heart Transplantation From 1987 Through 2004 in the United States
Jeffrey H. Shuhaiber, MD, Jong Bae Kim, PhD, Kwan Hur, PhD, Robert D. Gibbons, PhD, Hassan W. Neme, MD, Jeffrey P. Schwartz, MD, and MAMDouh Bakhos, MD

2142 Endoscopic Cardiac Tumor Resection
Ranjit P. Deshpande, FRCS(C-Th), Filip Casselman, MD, PhD, Ihsan Bakir, MD, Guy Cammu, MD, Francis Wellens, MD, Raphael De Geest, MD, Ivan Degrieck, MD, Frank Van Praet, MD, Yvette Vermeulen, MS, and Hugo Vanermen, MD

2147 Incidence and Risk Factors of Postoperative Vocal Cord Paralysis in 987 Patients After Cardiovascular Surgery
Taiga Itagaki, MD, Mutsuhito Kikura, MD, and Shigehito Sato, MD, PhD

2153 Selective Endothelin-A Receptor Inhibition After Cardiac Surgery: A Safety and Feasibility Study
John S. Ikonomidis, MD, PhD, Ebony J. Hilton, BS, Kimberly Payne, MD, April Harrell, MD, Laura Finklea, BSN, Leslie Clark, MS, Scott Reeves, MD, Robert E. Stroud, MS, Amy Leonardi, BS, Fred A. Crawford, Jr, MD, and Francis G. Spinale, MD, PhD

2162 Early Clinical and Hemodynamic Outcomes After Stented and Stentless Aortic Valve Replacement: Results From a Randomized Controlled Trial
Ayyaz Ali, MRCS, James C. Halstead, MRCS, Fay Cafferty, MS, Linda Sharples, PhD, Fiona Rose, BA, Evelyn Lee, FRCP, Rosemary Rusk, MRCP, John Dunning, FRCS, Vincenzo Argano, FRCS, and Steven Tsui, MD, FRCS

2169 Long-Term Results After the Rastelli Repair for Transposition of the Great Arteries
CME Jürgen Höger, MD, Christian Schreiber, MD, PhD, Eva Dworak, MD, Julie Cleuziou, MD, Zsolt Prodan, MD, Manfred Vogt, MD, PhD, Klaus Holper, MD, PhD, and Rüdiger Lange, MD, PhD

2176 Unidirectional Monovalve Homologous Aortic Patch for Repair of Ventricular Septal Defect With Pulmonary Hypertension
Bo Zhang, MD, Shuming Wu, MD, Jiali Liang, MD, Guangfu Zhang, MD, Guanhua Jiang, MD, Min Zhou, MS, and Xiangling Li, MD
Invited Commentary
Alan G. Magee, FRCP

2182 Introduction of a New Optimized Total Cavopulmonary Connection
Dennis D. Soerensen, MS, Kerem Pekkan, PhD, Diane de Zélicourt, MS, Shiva Sharma, MD, Kirk Kanter, MD, Mark Fogel, MD, and Ajit P. Yoganathan, PhD
Invited Commentary
Mark Hazekamp, MD, PhD

NEW TECHNOLOGY

2191 First Human Transplantation of a Nonacceptable Donor Lung After Reconditioning Ex Vivo
Stig Steen, MD, PhD, Richard Ingemannsson, MD, PhD, Leif Eriksson, MD, PhD, Leif Pierre, CPP, Lars Algotsson, MD, PhD, Per Wierup, MD, PhD, Qiuming Liao, MD, Atli Eyjolfsson, MD, Ronny Gustafsson, MD, PhD, and Trygve Sjöberg, PhD
Invited Commentary
James S. Allan, MD

CASE REPORTS

e-Only Content

e14 Functional Paraganglioma of the Middle Mediastinum
 Subroto Paul, MD, Shilpa H. Jain, MD, Robert P. Gallegos, MD, Sary F. Aranki, MD, and Raphael Bueno, MD

2196 Full-Thickness Chest Wall Resection for Recurrent Breast Phyllodes Tumor
Jose D. Andrade Neto, MD, Ricardo M. Terra, MD, Angelo Fernandez, MD, PhD, Viviane Rawet, MD, and Fabio B. Jatene, MD, PhD

2197 Nodular Lymphoid Hyperplasia of the Lung: A Very Rare Disease Entity
Hiroyuki Sakurai, MD, Masao Hada, MD, and Toshio Oyama, MD

2199 Effective Approach for the Treatment of Bronchopleural Fistula: Application of Endovascular Metallic Ring-Shaped Coil in Combination With Fibrin Glue
Cumhur M. Sivrikoz, MD, Tamer Kaya, MD, Cumhur M. Tulay, MD, İlknur Ak, MD, Ayten Bilir, MD, and Egemen Döner, MD

2201 Surgical Management of a Giant Thoracic Angiomyolipoma
William L. Holman, MD, Lisa Diethelm, MD, Audrey J. Lazenby, MD, Thomas S. Winokur, MD, Ralph T. Lyerly, III, MD, and Robert J. Cerfolio, MD

2203 Lipoma of the Diaphragm: A Rare Presentation
Serdar Şen, MD, Berent Dişçigil, MD, İlysmail Badak, MD, and Uğur Gürcün, MD

2205 Endoscopic Correction of the Adult Form of Scimitar Syndrome and Mitral Regurgitation: Anatomic and Technical Considerations
Oren Lev-Ran, MD, Filip Casselman, MD, Jose Coddens, MD, Geert van Vaerenbergh, EBCP, and Hugo Vanermen, MD

2207 Atrial Septal Rupture, Flail Tricuspid Valve, and Complete Heart Block Due to Nonpenetrating Chest Trauma
Axel Thors, DO, Ralph Guarneri, MD, Eugene N. Costantini, MD, and Gary J. Richmond, MD

2210 Late Disruption of a Freestyle Stentless Bioprostheses Used for Repair of Sinus of Valsalva Aneurysm of Noncoronary Cusp
Yoshiyuki Takami, MD, Hiroshi Masumoto, MD, and Biliie Fyfe-Kirschner, MD

2213 Extracorporeal Membrane Oxygenation for Swan-Ganz Induced Intraoperative Hemorrhage
Roberto Bianchini, MD, Giovanni Melina, MD, PhD, Umberto Benedetto, MD, Michele Rossi, MD, Brenno Fiorani, MD, PhD, Manuela Iasenzaniro, MD, and Riccardo Sinatra, MD

2215 Intraoperative Veno-Arterial Hemofiltration During Miniaturized Extracorporeal Bypass
Fabio Capuano, MD, Roberto Bianchini, MD, Massimo Goracci, MD, Antonino Roscitano, MD, Remo Luciani, MD, Caterina Simon, MD, Leda Giusti, MD, and Riccardo Sinatra, MD

2216 Thoracoabdominal Aortic Aneurysm Associated With Abdominal Aortic and Visceral Arterial Occlusion in a Hemodialysis Patient
Masato Nakajima, MD, Koji Tsuchiya, MD, Okihiko Akashi, MD, Hironobu Morimoto, MD, and Kaori Kato, MD

2219 Spontaneous Restoration of Patency in the Free Gastroepiploic Artery Graft: The Living Transplanted Vascular System for Coronary Revascularization
Tadahito Eda, MD, Akio Matuura, MD, Ken Miyahara, MD, Haruki Takemura, MD, Sadanari Sawaki, MD, Teruaki Yoshioka, MD, and Naoki Yoshida, MD

2220 Aortic Valve Lipoma
Tsutomu Matsushita, MD, PhD, Anh Tuan Huynh, MBBS, Taranpreet Singh, FRACS, Sarah Armarego, FANZCA, Mark Formby, FRCPA, Alan F. Boyd, FRACS, and Geoff S. Oldfield, FRACP

2222 Localized Pericardial Constriction Resulting in a "Dumbbell" Heart
Zainul A. Hamdulay, MCh, Pawan Kumar, MCh, Mohammed Ali, MCh, Shilpa S. Bhojraj, MD, Sanjesh B. Jain, MD, and Anil M. Patwardhan, MCh

2224 Valve-Sparing Operation for Aortic Root Aneurysm Late After Mustard Procedure
Masamichi Ono, MD, Heidi Goerler, MD, Dietmar Boethig, MD, Mechthild Westhoff-Bleck, MD, Dagmar Hartung, MD, and Thomas Breymann, MD

2226 Rare Presentation of Subclavian Artery Isolation in a Neonate With a Family History of Aortic Arch Anomalies
Hutan Ashrafi, MRCS, Victor Tsang, MD, FRCS, and Martin Kostolny, MD

2228 Patent Ductus Arteriosus Ligation: The LigaSure System May Be Unreliable
Corina R. Zamfir, MD, Magali Vernet, MD, Mathilde Funes de la Vega, MD, and Emmanuel Sapin, MD

2230 Migration and Colon Perforation of Intraperitoneal Cardiac Pacemaker Systems
Ali Dodge-Khatami, MD, PhD, Carl L. Backer, MD, Martin Meuli, MD, René Prêtre, MD, Maren Tomaske, MD, and Constantine Mavroudis, MD

IMAGES IN CARDIOTHORACIC SURGERY

2233 Delayed Pseudoaneurysm of the Mitral-Aortic Intervalvular Fibrosa
George Economopoulos, MD

2234 Mitral Valve Regurgitation Due to a Lipoma
Reza Motallebzadeh, MRCS, and Jatin B. Desai, FRCS (C Th)

HOW TO DO IT

2235 Laparoscopic Cardioplasty to Avoid Esophageal Resection in Patient Not Responsive to Heller Myotomy
Gianmattia del Genio, MD, Alberto del Genio, MD, PhD, Luigi Brusciano, MD, Gianluca Russo, MD, Francesco Pizza, MD, Federica del Genio, MD, PhD, and Gianluca Rossetti, MD, PhD

2239 Video-Mediastinoscope: For Extracting Upper Esophageal Foreign Bodies
Celal Tekinbas, MD, and Muhamrem Erol, MD

2241 Valve-Sparing Reconstruction Within the Native Aortic Root: Integrating the Yacoub and the David Methods
Andras Kollar, MD, PhD

2244 Treatment of Lone Atrial Fibrillation With a Right Thoracoscopic Approach
Mark La Meir, MD, Luc De Roy, MD, Dominique Blommaert, MD, and Michel Buche, MD

2246 New Method for Sternal Closure After Vacuum-Assisted Therapy in Deep Sternal Infections After Cardiac Surgery
Nils Reiss, MD, Ulrich Schuett, MD, Michael Kemper, MD, Andreas Bairaktaris, MD, and Reiner Koerfer, MD

2248 Modified Simple Sliding Aortoplasty for Supravalvar Aortic Stenosis
DongMan Seo, MD, HongJu Shin, MD, JungJun Park, MD, TaeJin Yun, MD, InSook Park, MD, JaeKon Ko, MD, and YoungHwue Kim, MD

REVIEW

2251 Intraoperative Imaging Techniques to Assess Coronary Artery Bypass Graft Patency
Lognathan Balacumaraswami, FRCS Ed, FRCS (CTh), and David P. Taggart, MD, PhD

CORRESPONDENCE

2258 Pulmonary Complications After Lung Resection are Increased in Patients With Previous Head and Neck Cancer
Gilbert Massard, MD, Evgenia A. Kochetkova, MD, PhD, and Jean-Marie Wihlm, MD

2258 Use of Flexible Silastic Drains in Thoracic Surgery: A Word of Caution
Pankaj Saxena, MCh, DNB, Nand Kejriwal, FRACS, and Mark A. J. Newman, FRACS

Reply
Hisashi Ishikura, MD, PhD, and Suguru Kimura, MD, PhD

2259 Use of Pedicled Omentum and Endostaplers in Esophagogastric Anastomosis
Nurettin Karaoglanoglu, MD, Atila Turyilmaz, MD, and Atilla Eroglu, MD

2260 Blood Transfusion After Cardiac Surgery: Damned if You Don't. Damned if You Do?
Joseph Zacharias, FRCS (CTh), Daniel Lerman, MO, and Andrew Knowles, FRCA

Reply
Colleen Gorman Koch, MD, MS, and Eugene H. Blackstone, MD

2261 Edge-to-Edge Mitral Valve Repair: A "Safe and Useful" Technique?
Lishan Aklog, MD, and Brian J. deGuzman, MD

2262 Ductal Origin of the Distal Pulmonary Artery in Truncus Arteriosus
Adriano Carotti, MD, Gerardo Piacentini, MD, and Bruno Marino, MD

Reply
Tara Karamlou, MD, MS

REVIEW OF RECENT BOOKS

2264 Treatment of Advanced Heart Disease,
Edited by Kenneth L. Baughman, MD, and William A. Baumgartner, MD
Andrew J. Lodge, MD

ANNOUNCEMENTS

A-30	Information for Authors
A-35	Conditions for Publication Form
A-37	Guidelines for Reviewers
A-39	Events of Interest
1939	Online Discussion Forum
1951	Requirements for Recertification/Maintenance of Certification in 2007
1985	Notice From the American Board of Thoracic Surgery Regarding Trainees and Candidates for Certification Who Are Called to Military Service Related to the War on Terrorism
2028	Notice From the American Board of Thoracic Surgery
2102	The Society of Thoracic Surgeons Policy Action Center
2121	Southern Thoracic Surgical Association: Fifty-Fourth Annual Meeting
2129	The Society of Thoracic Surgeons: Forty-Fourth Annual Meeting
2161	Member and Individual Subscriber Access to the Online <i>Annals</i>
A-43	Classified Advertisements
A-49	2008 Annual Meeting of The Society of Thoracic Surgeons, Call for Abstracts
A-50	Information About Membership in The Society of Thoracic Surgeons
A-51	Index to Advertisers

INDEX TO VOLUME 83

2265	Author Index
2302	Subject Index

Number 4 April 2007 (Suppl)

**QUALITY MEASUREMENT IN ADULT
CARDIAC SURGERY: REPORT OF THE
SOCIETY OF THORACIC SURGEONS
QUALITY MEASUREMENT TASK FORCE**

A-2 Quality Measurement Task Force

**S1 Quality Measurement in Adult Cardiac
Surgery: Introduction**

David M. Shahian, MD, Frederick L. Grover,
MD, Richard P. Anderson, MD, and Fred H.
Edwards, MD

**S3 Quality Measurement in Adult Cardiac
Surgery: Part 1—Conceptual Framework and
Measure Selection**

David M. Shahian, MD, Fred H. Edwards, MD,
Victor A. Ferraris, MD, Constance K. Haan, MD,
Jeffrey B. Rich, MD, Sharon-Lise T. Normand,
PhD, Elizabeth R. DeLong, PhD, Sean M.
O'Brien, PhD, Cynthia M. Shewan, PhD, Rachel
S. Dokholyan, MPH, and Eric D. Peterson, MD,
MPH

**S13 Quality Measurement in Adult Cardiac
Surgery: Part 2—Statistical Considerations
in Composite Measure Scoring and Provider
Rating**

Sean M. O'Brien, PhD, David M. Shahian, MD,
Elizabeth R. DeLong, PhD, Sharon-Lise T.
Normand, PhD, Fred H. Edwards, MD, Victor A.
Ferraris, MD, Constance K. Haan, MD, Jeffrey B.
Rich, MD, Cynthia M. Shewan, PhD, Rachel S.
Dokholyan, MPH, Richard P. Anderson, MD, and
Eric D. Peterson, MD, MPH

Number 5 May 2007 (Suppl)

**PERIOPERATIVE BLOOD TRANSFUSION
AND BLOOD CONSERVATION IN
CARDIAC SURGERY: THE SOCIETY OF
THORACIC SURGEONS AND THE
SOCIETY OF CARDIOVASCULAR
ANESTHESIOLOGISTS CLINICAL
PRACTICE GUIDELINE**

A-2 STS Workforce on Evidence Based Surgery

**S27 Perioperative Blood Transfusion and Blood
Conservation in Cardiac Surgery: The
Society of Thoracic Surgeons and The
Society of Cardiovascular Anesthesiologists
Clinical Practice Guideline**

The Society of Thoracic Surgeons Blood
Conservation Guideline Task Force: Victor A.
Ferraris, MD, PhD (Chair), Suellen P. Ferraris,
PhD, Sibu P. Saha, MD, Eugene A. Hessel II,
MD, Constance K. Haan, MD, MS, B. David
Royston, MD, Charles R. Bridges, MD, ScD,
Robert S.D. Higgins, MD, George Despotis, MD,
and Jeremiah R. Brown, PhD

The Society of Cardiovascular Anesthesiologists
Special Task Force on Blood Transfusion: Bruce
D. Spiess, MD, FAHA (Chair), Linda Shore-
Lesserson, MD, Mark Stafford-Smith, MD, C.
David Mazer, MD, Elliott Bennett-Guerrero, MD,
Steven E. Hill, MD, and Simon Body, MB, ChB

Vol. 83

ISS. 1

JAN

2007